88065041

TN
859
.U82
W418
no.6
f.d.
v.2

QUARTERLY REPORT #6

FIELD DATA

TABLE OF CONTENTS

BLM Library
D-553A, Building 50
Denver Federal Center
P. O. Box 25047
Denver, CO 80225-0047

VOLUME	PART	DATA SECTION
1.	I.	SUMMARY
	II.	WATER RESOURCES
		A. Surface Hydrology
		1. Surface Water Quality Data
		2. Evaporation and Precipitation Data Oct 1975-March 1976
		B. Ground Water
		1. Ground Water Quality Data
		2. Ground Water Levels
		3. Alluvial Well Water Quality
2.	III.	AIR RESOURCES
		A. Statement of Compliance
		B. Meteorology
		1. Site Specific
		2. Miscellaneous Data
		C. Air Quality
		1. Site Specific
		2. Miscellaneous Data
	IV.	BIOLOGY
		A. Terrestrial Vertebrates - Flushing Transect Sampling
		B. Aquatic Biology
		C. Microbiology
		D. Revegetation - USU Second Progress Report
	V.	GEOLOGIC EXPLORATION PROGRAM - Cleveland Cliffs Iron Company Trace Element Analysis

SHOUT
SHARE
IT

III. AIR RESOURCES

A. STATEMENT OF COMPLIANCE

III. AIR RESOURCES

A. STATEMENT OF COMPLIANCE

The Oil Shale Lease Stipulations specify the scope of the meteorological and air quality baseline data collection activities in Section 1, Paragraph (C) (2) (c), as amended October 1974 for meteorology and November 1974 for air quality.

> ". . . the Lessee shall establish a meteorological station in reasonable proximity to each proposed plant site to monitor, at least 95 percent of the time over each lease year during which monitoring is required, wind direction and speed (vane and anemometer) at three levels, one at least 100 feet above the surface of the plant site, and one at an intermediate level, and temperature at two levels, one at least 100 feet above the surface of the plant site, and one at approximately 30 feet above the surface of the plant site, and humidity at one level.
>
> . . . the Lessee shall monitor air quality over at least 90 percent of each lease year, during which monitoring is required, using four strategically-located stations [per tract]. One of the stations shall be at the expected point of maximum concentration, or as close to that expected point of maximum concentration as possible.
>
> The Lessee shall monitor air quality for sulphur dioxide, hydrogen sulphide, and suspended particulates, using automatic instruments with continuous recorders, when applicable. The Lessee shall also monitor, under the same conditions, hydrocarbons, oxides of nitrogen, and other pollutants, where the Area Oil Shale Supervisor has determined that such monitoring is necessary to determine baseline air quality or to conduct an effective monitoring program."

The equipment and parameters measured were in compliance with the lease agreement. The lease stipulations require that meteorological data be monitored 95 percent of the time, and air quality be monitored 90 percent of the time. Table 1 indicates the actual percentage of time monitoring occurred during the first year baseline period (January 16, 1975 through January 15, 1976). The percentage of actual data (data obtained when field equipment is functioning properly) recovered during the baseline period is shown in Table 2. Table 3 reflects the refinement of Table 2 in that it shows the percentage of time valid data collected.

TABLE 1

PERCENTAGE OF THE PERIOD JANUARY 16, 1975 TO JANUARY 15, 1976 DURING WHICH AIR QUALITY AND METEOROLOGICAL MONITORING WAS PERFORMED

Parameter	Percentage
Air Quality	
SO_2	100
H_2S	100
Suspended Particulates	100
O_3	100
NO_x	100
HC	90
CO	90
Meteorology	
WS (10m)	99
WD (10m)	99
WS (20m)	100
WD (20m)	100
WS (30m)	100
WD (30m)	100
T (10m)	100
ΔT (10-30m)	100
Humidity	95

TABLE 2

PERCENTAGE OF THE PERIOD DURING WHICH ACTUAL DATA WERE COLLECTED, BY STATION

Percentage of the period January 16, 1975 to January 15, 1976 during which air quality and meteorology data was collected on tracts U-a and U-b.*

Parameter	Station												Avg. for All Stns.
	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	
Air Quality													
SO_2	53	86	72	88	81	90	95	93					82
H_2S	53	86	72	88	81	90	95	93					82
Susp. Part.	98	100	95	100	96	97	98	96					98
O_3		95	86			99							93
**NO		82	96			86							88
**NO_x		84	96			86							89
**NO_2		82	96			86							88
**THC		86	72			69							76
**CH_4		74	72			74							73
**NMHC		74	72			69							72
CO		88	72			55							72
Meteorology													
WS (10m)	90	94	90	91	96	100	100	93	97	100	100	100	96
WD (10m)	92	94	100	100	96	100	100	97	97	100	100	100	98
WS (20m)		79				48							64
WD (20m)		99				96							98
WS (30M)		77				89							83
WD (30m)		99				95							97
T (10m)		100				100			97	100	100	100	100
Δ T (30-10m)		100				100							100
***Humidity		74				70							72

* Data percentages consist of the time monitoring was being performed by an apparently properly operating instrument, plus time devoted to instrument calibration. Percentages also include any time during which data was lost due to "acts of God" (damage due to extreme weather or vandalism, stoppages due to commercial power failures, etc.)

** The last parameter in each set of 3 is derived by difference from the preceding two parameters, thus both of the first two parameters must exist for computation of the third parameter.

*** Does not include reconstructed data.

TABLE 3

PERCENTAGE OF THE PERIOD DURING WHICH VALID DATA WERE COLLECTED, BY STATION

Percentage of the period January 16, 1975 to January 15, 1976 during which valid air quality and meteorology data was collected on tracts U-a and U-b.*

Parameter	Station												Avg. for All Stns.
	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	
Air Quality													
SO_2	49	84	63	60	81	69	78						69
H_2S	49	81	64	67	60	76	68	79					68
Susp. Part.	88	95	92	97	94	88	98	90					95
O_3		69	69			88							75
**NO_x NO		78	92			81							84
**NO_x NO_x		81	92			80							85
**NO_x NO_2		78	92			80							83
**CH_4 THC		78	33			65							59
**CH_4 CH_4		80	31			69							60
**CH_4 NMHC		78	30			55							54
CO		74	33			52							53
Meteorology													
WS (10m)	73	74	76	91	96	91	98	88	93	98	100	77	88
WD (10m)	85	92	96	96	95	98	99	93	91	98	98	76	93
WS (20m)		43				45							44
WD (20m)		86				93							90
WS (30m)		42				72							57
WD (30m)		98				92							95
T (10m)		99		97		98			92	99	100	77	95
Δ T (30-10m)		99				90							95
***Humidity		64				51							58

* Valid data percentages also include calibrations, off-scale readings, and data discarded because of a localized, man-made, temporary, external pollution interference.

** The last parameter in each set of 3 is derived by difference from the preceding two parameters, thus both of the first two parameters must exist for computation of the third parameter.

*** Does not include rawinsonde or psychrometer points, nor any reconstructed data.

B. METEOROLOGY
1. SITE SPECIFIC

Preliminary Submission

AIR QUALITY DATA
PROTOTYPE OIL SHALE LEASE TRACTS Ua AND Ub

1 November 1975 - 31 January 1976

Submitted 13 April 1976

AeroVironment Inc.
145 North Vista Avenue
Pasadena, California 91107

PREFACE

This volume is the sixth quarterly submission of data acquired during the air quality/meteorology/noise/radiology portions of the environmental baseline monitoring program for oil shale tracts Ua and Ub. The quarter covered runs from 1 November 1975 through 31 January 1976.

This data is a preliminary submission and is subject to some editorial and technical changes. A final data submission will follow.

The data presented herein appears in two volumes:

Volume I - Meteorology

A. Data Tabulations for all sites, in order by site number

1. Wind Speed, WS, 10 m, 20 m, 30 m
2. Wind Direction, WD, 10 m, 20 m, 30 m
3. Temperature, T
4. Lapse Rate, ΔT, between 10-30 m
5. Root-mean-square variation in wind direction, σ_θ
6. Root-mean-square variation in vertical wind speed, σ_w
7. Solar Radiation, SR
8. Barometric Pressure, BP
9. Dewpoint, DPT

B. Miscellaneous Data

1. Weather Log
2. Rawinsonde Data

Volume II - Air Quality

A. In order of site number

1. Total Sulfur, TS
2. Hydrogen Sulfide, H_2S
3. Sulfur Dioxide, SO_2
4. Total Hydrocarbons, THC, expressed as $\mu g/m^3$ of CH_4
5. Methane, CH_4
6. Hydrocarbons (methane-reduced), HC = THC-CH_4, expressed as $\mu g/m^3$ of CH_4
7. Carbon Monoxide, CO
8. Nitrogen Oxides, NO_x, expressed as $\mu g/m^3$ of NO_2
9. Nitric Oxide, NO = NO_x - NO
10 Nitrogen Dioxide, NO_2
11. Ozone
12. Scattering coefficient, b_s
13. Local Visual Range, L_v, derived from b_s
14. Coefficient of Haze, COH

B. Miscellaneous Data

1. High Volume Sampler, suspended particulates
2. Radiation Survey
3. Radiation Dosage by Thermo-Luminescent Dosimetry
4. Gross Radiation of Particulates
5. Radiation measurements by the high pressure ion chamber (rotated among all 12 sites)
6. Noise Survey

Not all sites measure all of these parameters. A few isolated data records from some sites are missing pending further data verification.

The data tabulations contain average values for each day, and the peak hourly average for the day. Along the bottom, the average for each hour, averaged over the month, is compiled [1]. Air Quality data is given in $\mu g/m^3$ usually, with values for NO_x computed on the basis of the molecular weight of NO_2 and those for HC and THC based on the molecular weight for CH_4.

On the wind direction sheets, "PV" and "PREV" indicate prevailing wind direction divided into 16 sectors with a "1" indicating a prevailing direction between 348.5 and 11.0 degrees, a "2" corresponding to 11.5 to 34.0 degrees, and so forth, i.e., a "1" indicates wind from the 22.5° sector centered on N, a "2" indicates winds generally from the NNE, a "3" from the NE, etc.

Symbols used on the data sheets are:

- CA - Calibration
- MT - Maintenance (changing paper, tape, filters)
- FO - Flame out (on the gas chromatographs)
- IM - Instrument malfunction
- PF - Power Failure (generator failure)
- RF - Recording system failure (chart jams, runs out, tape punch fails)
- LI - Local Interference (car nearby, contamination by generator)
- OS - Off scale (at top of chart, data presumed good)
- SE - Special experiment (instrument off-line for bag sample analysis or removed for special measurements in area)
- VA - Variable wind direction
- OR - Out for repair (Instrument problem has been recognized and the instrument is no longer sampling while being repaired.)

Key sheets are provided for three different cases to illustrate how the data is presented on the data sheets. These follow on the next three pages.

MONTHLY WIND DIRECTION SHEET KEY

Altitude of measurements (10 meters, 20 meters, or 30 meters)

Units are degrees of a circle 0 to 360 to the nearest 5 degrees.

Beginning hour in Local Standard Time (never Daylight Savings Time). Thus the hourly average under hour "02" occurred during the period 0200 to 0300.

Day of the month.

"VA" stands for variable, which indicates no definite hourly average wind direction is possible.

Malfuncation code indicates reason for missing data (see abbreviation table).

Project location

Air quality site number. (see map for location)

Monthly period which the data covers.

Date that the data was printed.

Changes may still be made to the dat based on later inputs.

Peak column is not used

"VA" stands for variable, which indicate no definite prevailing wind direction.

Monthly prevailing wind direction is divided into 16 sectors. Sector "1" indicates a prevailing direction between 348.5 and 11.0 degrees (22.5 degree sector) centered on North, Sector "2" corresponds to 11.5 to 34.0 degrees, centered on the NNE, etc.

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

JANUARY, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 12 APR 76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	170	80	125	125	125	135	135	150	245	260	335	[VA]	355	15	350	10	10	165	170	165	210	170	185	16[illegible]	[VA]	
2	190	180	45	320	255	220	225	195	210	310	[illegible]	325	0	30	355	215	230	195	15	245	125	245	120	15[illegible]	1[illegible]	
3	165	205	120	95	345	160	70	70	180	[illegible]	50	15	15	40	10	260	25	160	140	195	55	30	240	2[illegible]	3	
4	0	40	95	175	260	185	340	295	[illegible]	195	55	355	15	20	25	0	215	205	170	215	190	60	85	[illegible]	[VA]	
5	155	245	35	215	60	200	50	305	35	20	105	355	20	30	5	100	35	30	35	270	245	180	25	160	2	
6	200	15	215	130	210	220	145	[illegible]	245	240	[PF]	165	280	355	245	225	205	20	220	105	220	60	195	25	11	
7	260	200	55	155	125	180	[illegible]	135	85	[illegible]	110	35	315	20	15	55	310	205	300	190	125	100	335	155	7	
8	110	15	240	175	140	[illegible]	150	20	30	20	20	25	30	15	355	5	180	175	170	195	165	230	95	120	2	
9	340	175	165	170	120	20	165	65	[illegible]	30	40	10	25	35	5	30	300	10	200	340	65	135	[illegible]	225	2	
10	350	70	25	180	[illegible]	270	80	250	[illegible]	90	15	5	225	275	250	210	195	215	60	190	180	280	[illegible]	65	11	
11	270	195	230	[illegible]	180	220	260	[illegible]	300	[VA]	20	50	15	310	300	305	320	195	180	275	190	225	[illegible]	15	14	
12	15	245	[illegible]	265	165	220	335	255	255	5	20	70	275	25	60	275	240	240	250	270	275	255	[illegible]	295	12	
13	260	[illegible]	280	260	235	250	[illegible]	165	130	40	30	35	40	15	340	330	[illegible]	[illegible]	210	195	[illegible]	150	[illegible]	90	16	
14	270	[illegible]	40	200	155	140	45	190	65	130	140	45	25	10	345	350	220	180	270	205	200	25	225	190	[VA]	
15	[illegible]	240	10	200	110	[illegible]	270	285	285	250	265	35	5	320	350	45	240	250	200	270	200	185	250	235	13	
16	255	215	155	95	160	210	255	165	340	240	20	30	25	30	30	290	35	185	55	210	180	60	165	100	2	
17	195	105	35	170	165	140	210	90	95	105	55	10	5	0	260	5	190	190	195	175	170	[illegible]	155	105	9	
18	145	100	140	[illegible]	20	45	135	45	225	220	30	45	65	15	310	10	0	215	45	175	200	[illegible]	165	270	3	
19	160	130	10	185	195	195	205	50	175	60	20	0	5	0	350	345	260	210	185	175	240	95	165	155	10	
20	200	85	[illegible]	115	145	125	195	25	165	45	35	25	45	25	20	355	195	170	165	200	145	80	165	210	3	
21	15	[illegible]	90	65	170	95	165	145	85	155	355	30	30	50	25	235	205	180	165	165	170	150	160	175	[VA]	
22	160	[illegible]	150	125	145	120	150	110	150	100	15	20	25	25	30	255	225	170	200	190	175	180	155	40	8	
23	115	115	185	30	175	185	210	195	70	25	30	120	345	0	40	30	70	0	220	130	210	245	190	260	2	
24	[illegible]	185	250	175	65	255	50	195	295	290	45	5	5	40	350	295	250	205	225	260	[illegible]	245	240	185	12	
25	240	355	355	55	145	200	55	225	75	190	30	35	285	0	20	5	285	220	215	210	[illegible]	95	350	165	1	
26	175	180	115	155	195	155	160	165	235	50	345	355	355	300	245	260	10	0	175	265	35	100	205	85	8	
27	200	170	140	10	210	225	185	70	170	70	40	50	35	35	30	295	245	290	55	165	145	150	225	210	[VA]	
28	70	280	200	195	220	5	150	245	355	340	280	310	25	75	5	20	35	145	180	350	170	260	5	215	1	
29	0	205	285	0	130	270	270	210	300	330	340	45	10	355	20	350	45	175	185	170	165	210	290	190	[VA]	
30	105	155	75	170	185	305	60	165	20	250	20	325	15	345	20	325	190	230	95	[illegible]	75	85	110	200	4	
31	235	210	160	170	135	155	220	220	65	140	25	10	315	15	20	350	315	215	185	[illegible]	190	195	145	210	9	
PV	9	9	3	9	7	11	8	8	9	3	2	3	2	2	1	1	11	10	10	9	10	9	9	9	9	

MONTHLY COMPONENT SHEET KEY

Component

Units of Data

CARBON MONOXIDE
(MILLIGRAMS/CU METER)

Project location

Air Quality site number (see map for locations)

Monthly period which the data covers.

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

DECEMBER,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 12 APR 76

SUBJECT TO
REVISION

Date that the data was printed.

Changes may still be made to data based on later input.

Beginning hour in Local Standard Time (never Daylight Savings Time). Thus the hourly average under "02" occurred during the period 0200 to 0300.

CLOCK HOUR (LOCAL STANDARD TIME)

Day of the month.

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.0	1	0	0	.0	.1	.0	.1	.1	.2	.1	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	1	.0	.1	2
2	.0	0	0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.2	.2	.2	.2	.2	.1	.1	.1	.1	.0	1	.0	.1	2
3	.0	0	0	.0	.1	.0	.0	.1	.0	.0	(CA)	.0	.1	.0	.1	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	2
4	.0	1	0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	1
5	1	0	0	1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	1
6	1	1	1	1	.0	.1	.0	.0	.0	.1	.1	(CA)	.1	.2	.1	.1	.0	.1	.1	.1	.0	.0	.0	.1	.1	2
7	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.1	.0	1
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	1
9	.0	.0	1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	1
10	1	1	.0	1	.1	.1	1	1	.0	.1	.0	.1	.1	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	1
11	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	1
12	.0	.0	.0	.0	.0	.0	.0	1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1	.0	1
13	.0	.0	1	.1	.1	.0	.1	.1	.1	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	1
14	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	1
15	1	.0	1	.0	.4	.0	.0	.0	.0	.0	.0	.0	(CA)	.1	.0	.1	.1	.0	.0	.1	.2	.0	1	.1	.1	4
16	.0	1	1	.0	.3	.0	.0	.0	.0	.0	.0	1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.0	.1	.1	.1	3
17	1	1	.0	.0	.1	.0	.0	.0	.1	1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	1
18	.1	1	.0	1	.1	.0	.0	.1	.0	.1	.0	.3	.0	.0	(CA)	(CA)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	.1	1
19	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(IN)	(CA)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	) (	1
20	(OR)	(OR)	(OR)	(OP)	(OR)	(OR)	(OR)	(OR)	(OR)	(OP)	(OP)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OP)	(OR)	(OP)(	) (	1
21	(OR)	(OP)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	.0	.0	.0	.2	.3	.1	.0	.0	.0	.0	.1	3
22	.0	3	3	4	1	1	.4	.4	.6	.3	.4	.6	.4	.3	.2	.3	.3	.3	.3	.4	.4	.3	.6	.4	.3	6
23	3	.4	3	2	.2	.2	.3	.3	.4	.3	.3	.3	.0	.3	.4	.3	.3	.4	.4	.3	.4	.4	.2	.3	.3	.4
24	.4	.4	.2	.4	.4	.1	.3	.4	.2	.4	.3	.0	.2	.4	.2	.3	.3	.3	.3	.1	.1	.3	.4	.4	.3	.4
25	.4	.4	.4	.4	.3	.2	.1	.3	.4	.4	.4	.4	.3	.2	.3	.3	.3	.3	.4	.4	.2	.3	.2	.1	.3	.4
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.1	.2	.0	.3	.4	.1	.0	.0	.0	.2	.1	.4
27	1	.4	.4	.4	.3	.2	.4	.4	.3	.2	.4	.4	.0	.0	.3	.3	.3	.3	.2	.1	.3	.3	.3	.3	.3	.4
28	.3	.3	.3	.3	.4	.0	.4	.3	.3	.4	.4	.4	.4	.3	.3	.3	.3	.3	.2	.3	.3	.4	.1	.2	.3	.4
29	.3	.4	.3	.0	.3	.2	.4	.4	.4	.4	.4	.4	.3	.3	.0	.2	.1	.2	.1	.2	.2	.4	.4	.4	.3	.4
30	.4	.4	.4	.4	.3	.2	.4	.1	.0	.0	(CA)	.0	.1	.1	.0	.2	.2	.3	.1	.2	.2	.2	.3	.2	.2	.4
31	.0	.2	.3	.3	.1	.0	.0	.1	.3	.3	.2	.3	.3	.3	.0	.2	.3	.3	.2	.1	.1	.3	.2	.0	.2	.3
AV	1	1	.1	1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	(	1
SD	1	2	.1	2	.1	1	.2	.1	.2	.2	.2	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1 (	1

Highest hourly average for each day.

Daily average of all hourly averages

Letters indicate reasons for miss data (see abbreviation table).

Monthly averages of each hour.

Standard deviation of values from the averages.

MONTHLY RADIATION SHEET KEY

Project location

Monthly period which the data covers.

Units

RADIATION
(MICRO R/HR)

WHITE RIVER SHALE PROJECT/UTAH

JANUARY,1976

AEROVIRONMENT INC.

Date that the data was printed.

PRELIMINARY DATA
AS OF 13 APR 76

SUBJECT TO
REVISION

Changes may still be made to data, based on later input.

Beginning hour in Local Standard Time (never Daylight Savings Time). Thus the hourly average under hour "02" occurred during the period 0200 to 0300.

CLOCK HOUR (LOCAL STANDARD TIME)

Day of the month.

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
	A4																									
1	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.0	19.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	[ ]	[ ]
2	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	A1 →	18.0	18.0	19.5	20.0	20.0	18.5	19.0	20.0	20.0	18.0	18.0	20.0	20.0	18.0	19.0	[ ]	[ ]
5	20.0	20.0	17.0	17.0	19.0	19.5	16.5	16.0	17.0	19.0	19.0	18.5	18.0	19.0	20.0	20.0	20.0	18.0	18.5	19.0	18.0	16.0	16.0	16.0	[ ]	[ ]
6	16.0	15.0	15.0	15.0	16.0	17.5	19.0	18.0	18.0	18.0	17.0	20.0	18.0	18.0	18.5	19.5	19.0	18.0	17.5	18.0	18.5	19.0	18.0	17.5	[ ]	[ ]
7	16.0	16.5	15.0	12.5	12.0	13.0	15.0	15.0	16.0	16.0	18.0	20.0	20.0	20.0	17.5	17.5	18.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	[ ]	[ ]
8	20.0	20.5	20.5	20.0	20.0	20.0	20.0	20.0	21.0	21.0	21.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	A6 →	15.5	14.5	14.0	14.5	14.5	14.0	14.0	14.5	14.5	14.5	14.5	14.5	[ ]	[ ]
11	14.5	14.5	14.5	15.0	15.5	15.5	15.5	15.5	15.5	15.5	15.0	15.5	15.0	14.5	14.0	14.5	14.5	14.5	14.5	14.5	14.5	14.5	15.0	15.0	[ ]	[ ]
12	15.0	15.0	14.5	14.5	15.0	15.0	15.5	15.5	15.5	15.5	15.0	15.0	14.5	14.5	15.5	15.0	14.5	14.5	14.0	13.5	14.0	14.0	14.0	14.0	[ ]	[ ]
13	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.5	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.5	14.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	13.5	10.0	10.0	10.0	10.5	10.5	10.5	10.0	10.0	9.5	9.5	9.5	9.5	9.5	9.5	9.5	10.0	10.0	10.0	10.0	[ ]	[ ]
15	10.5	10.5	10.0	11.0	11.0	11.5	11.0	11.0	11.0	11.0	11.0	10.0	10.0	10.0	10.0	9.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	A8 →	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	A7 →	19.0	19.6	19.0	19.0	19.0	19.0	19.0	19.0	19.0	[ ]	[ ]
24	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.0	19.0	19.5	19.5	19.0	18.5	18.0	18.0	18.5	18.0	18.5	[ ]	[ ]
25	18.0	18.0	18.0	18.0	18.0	19.0	20.0	20.0	19.0	19.0	17.5	18.0	17.0	16.5	17.0	17.0	17.5	17.5	17.5	18.0	18.0	17.5	19.0	19.0	[ ]	[ ]
26	18.5	18.0	18.0	19.0	20.0	18.0	18.0	18.0	19.0	19.0	17.5	17.5	17.0	17.0	17.0	17.0	17.0	17.0	17.5	19.5	19.5	18.5	18.5	18.0	[ ]	[ ]
27	19.0	19.5	19.0	19.0	19.0	20.0	20.0	20.0	20.0	18.0	17.5	17.5	17.0	17.0	16.5	17.0	16.5	17.0	20.0	20.0	20.0	20.0	18.5	19.0	[ ]	[ ]
28	20.0	20.0	20.0	20.0	19.5	20.0	20.0	20.0	20.0	19.0	19.0	17.5	17.0	17.0	17.0	16.5	16.5	17.0	16.5	17.5	20.0	18.0	19.5	19.0	[ ]	[ ]
29	18.0	18.0	19.0	19.5	20.0	20.0	19.0	19.0	19.0	20.0	20.0	20.0	19.0	17.5	A9 →	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IP]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IP]	[IM]	[ ]	[ ]

Columns not used because the instrume is rotated often between sites.

Letters indicate reasons for missing data (see abbreviation table).

Site number (rotated weekly between different sites).

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	2.5	2.5	2.5	3.0	3.5	4.5	4.5	3.5	2.5	2.5	2.0	2.0	2.5	2.5	2.0	3.0	4.5
7	2.0	2.0	2.5	3.0	2.5	1.5	3.5	3.5	2.0	3.5	2.5	2.5	2.5	3.5	4.5	[RF]	[RF]	[RF]	5.0	7.0	7.0	6.5	5.5	3.5	3.5	7.0
8	2.5	3.0	3.0	2.5	3.5	5.5	6.0	5.5	5.5	3.0	2.5	5.0	5.5	3.5	3.0	5.5	4.5	3.5	2.5	6.5	5.5	3.5	2.5	2.5	4.0	6.5
9	4.5	3.0	3.5	5.5	4.5	2.0	2.5	2.5	2.0	6.0	5.5	5.5	6.0	6.5	5.5	5.5	5.5	3.5	3.5	2.5	2.5	3.5	2.5	3.5	4.0	6.5
10	5.5	2.5	2.5	3.5	2.0	3.5	2.5	5.0	2.5	2.5	5.0	3.5	4.0	3.5	2.0	3.5	5.5	8.5	9.5	9.5	5.5	3.5	7.0	4.5	4.5	9.5
11	6.0	6.0	6.5	14.5	11.5	9.5	8.5	9.0	8.5	5.5	5.5	6.5	7.5	7.5	6.5	7.5	7.0	8.0	9.5	6.5	1.5	1.5	2.0	3.5	7.0	14.5
12	3.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	5.0	2.0	2.5	4.5	3.5	3.5	4.5	4.0	3.5	2.5	2.0	2.0	2.5	1.5	2.5	2.5	3.0	5.0
13	2.0	2.0	2.0	2.5	1.5	3.5	2.0	2.5	2.5	2.0	2.5	2.5	3.5	4.0	3.5	2.5	2.0	2.5	2.0	2.0	2.5	2.5	2.0	3.5	2.5	4.0
14	2.0	2.5	2.5	3.5	2.5	2.0	1.5	2.0	1.5	2.0	2.0	2.5	3.0	3.5	3.0	3.5	2.5	2.5	3.0	3.5	1.5	3.0	2.5	2.5	2.5	3.5
15	3.5	2.5	5.5	1.5	3.0	1.5	2.0	2.5	3.5	2.5	2.0	2.5	2.5	3.5	3.0	2.5	5.5	2.0	2.0	2.0	2.5	2.0	2.0	2.0	2.5	5.5
16	2.5	2.5	3.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	2.5	1.5	2.5	3.5	3.0	2.5	4.0	2.5	2.5	2.0	2.5	2.5	1.5	[IM]	2.5	4.0
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	3.5	3.0	3.5	4.0	3.5	3.5	3.5	4.0	3.5	3.0	3.0	3.5	4.0	4.0	4.0	4.0	4.5	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.5	[ ]
SD	1.4	1.1	1.4	3.6	2.7	2.3	2.1	2.1	2.0	1.3	1.3	1.5	1.6	1.4	1.3	1.6	1.5	2.3	2.7	2.6	1.8	1.3	1.6	.8	1.3	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	5.5	[IM]	6.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	6.0	6.5
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	1.5	2.5	3.0	3.5	4.5	4.5	5.0	3.0	3.0	2.0	2.5	2.5	2.5	3.0	3.5	3.0	5.0
7	2.0	3.0	2.0	3.0	2.5	2.0	1.5	3.5	4.0	2.0	2.0	2.5	1.5	2.0	3.5	4.0	3.5	3.0	3.0	2.0	2.5	1.5	2.5	2.0	2.5	4.0
8	2.0	2.5	1.5	2.5	3.0	4.0	2.0	3.0	1.5	2.5	3.0	2.0	3.5	4.0	4.0	4.0	2.5	8.0	5.0	4.5	4.0	4.5	2.0	3.0	3.5	8.0
9	3.5	2.5	2.0	2.0	3.0	3.0	2.0	2.0	2.5	2.5	2.0	2.0	2.5	2.0	2.5	2.5	3.0	2.5	2.5	3.0	3.5	2.0	1.5	3.0	2.5	3.5
10	2.5	3.0	2.0	2.5	2.0	2.5	2.0	2.5	2.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.5	2.0	3.0	2.0	2.5	2.0	2.0	2.0	3.0
11	2.0	2.0	2.5	1.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2.0	2.5
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
AV	3.0	2.5	3.0	2.5	2.5	3.0	2.0	3.0	2.5	2.0	2.0	2.0	2.5	3.0	3.0	3.5	3.0	4.0	3.0	3.0	3.0	2.5	2.0	2.5	3.0	[ ]
SD	1.3	.4	1.7	.5	.4	.7	.2	.6	.9	.4	.5	.5	.9	1.2	1.1	1.2	.5	2.1	1.1	.8	.7	1.0	.5	.6	1.3	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 1

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
SD	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	30	80	170	215	215	290	235	210	85	25	45	350	350	15	10	2	
7	340	25	0	345	315	65	20	0	165	170	190	170	180	320	230	270	355	335	280	250	225	235	230	235	11	
8	60	330	55	125	5	65	35	35	45	45	260	250	0	100	30	25	80	35	60	330	345	20	110	320	3	
9	345	335	10	280	310	45	20	15	95	250	275	255	285	220	250	285	20	65	60	5	5	5	75	310	1	
10	60	55	20	50	55	30	110	0	155	185	290	335	295	190	210	310	125	0	265	225	200	235	250	310	3	
11	275	260	250	235	245	240	235	225	0	5	345	0	255	245	245	270	255	235	225	275	300	270	245	345	12	
12	10	30	15	25	5	20	30	60	150	140	[RF]	[RF]	240	300	310	245	345	330	300	270	345	325	320	345	16	
13	340	15	10	5	350	[VA]	20	15	125	95	215	315	255	305	300	350	350	70	135	255	345	315	255	345	[VA]	
14	45	330	315	300	335	350	305	350	80	270	270	215	255	225	220	220	210	245	170	230	345	5	345	10	1	
15	260	30	355	260	295	0	110	265	350	350	215	160	230	265	250	245	5	140	100	20	20	30	45	15	2	
16	50	0	0	35	30	85	15	5	10	15	85	105	45	245	245	250	190	60	35	0	25	30	340	0	2	
17	40	35	15	30	20	10	340	15	230	165	170	220	205	205	215	190	135	330	35	85	20	20	15	5	2	
18	110	15	345	100	155	0	355	330	165	160	165	160	225	300	5	260	270	240	190	160	115	55	155	105	8	
19	15	345	195	90	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	15	20	40	55	55	55	20	65	45	50	3	
20	75	345	350	340	0	295	340	345	315	340	250	160	5	40	55	340	30	75	135	20	30	5	50	35	16	
21	50	40	25	45	80	315	350	355	240	235	230	160	235	230	200	210	185	190	345	340	345	335	300	265	[VA]	
22	325	355	335	0	275	300	240	270	75	180	315	300	245	225	45	310	195	155	200	335	20	5	180	345	16	
23	25	185	10	25	40	265	160	5	5	5	200	240	210	215	285	50	25	50	350	345	325	190	30	135	2	
24	325	225	290	95	120	295	200	225	240	330	205	165	240	235	280	215	165	145	250	345	90	280	225	245	[VA]	
25	235	180	235	345	350	345	345	45	35	30	35	10	25	10	25	70	120	130	105	5	15	10	15	30	[VA]	
26	165	20	65	220	80	70	95	340	340	150	15	175	335	155	190	225	240	255	255	225	350	350	165	280	12	
27	110	355	35	50	60	130	185	190	210	230	180	225	260	265	205	345	355	205	230	245	245	245	260	10	12	
28	165	340	125	245	195	350	20	0	0	245	190	355	225	200	200	205	200	190	165	195	185	180	190	210	[VA]	
29	240	330	25	320	335	325	15	335	305	270	220	250	265	265	245	240	245	250	240	240	235	220	195	195	12	
30	195	210	185	340	205	300	355	350	15	70	90	350	210	215	240	250	205	175	190	200	195	190	240	200	10	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	3	2	[VA]	[VA]	1	1	2	1	1	8	[VA]	9	11	11	12	12	1	4	12	12	2	[VA]	[VA]	16	1	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	225	200	220	240	150	295	355	340	335	315	50	215	255	240	265	0	270	335	160	35	15	330	0	345	16	
2	345	210	125	25	65	225	190	200	335	145	80	135	215	235	30	325	200	180	270	40	30	345	50	25	2	
3	325	50	340	200	345	340	45	0	155	165	170	155	215	45	270	230	165	185	175	155	195	335	320	25	8	
4	65	330	105	310	25	110	315	350	175	20	170	200	250	245	260	260	250	270	270	255	210	170	240	210	[VA]	
5	180	95	150	45	55	55	25	15	115	235	255	250	265	215	235	240	250	200	210	15	220	215	225	320	11	
6	45	150	55	160	200	235	35	170	275	20	140	190	245	255	285	250	210	200	140	230	255	225	180	5	11	
7	240	200	145	280	245	310	30	0	95	170	170	185	340	355	355	265	265	240	170	170	190	135	250	340	[VA]	
8	270	45	130	315	240	135	190	90	215	85	305	190	345	285	250	255	55	290	265	305	205	30	280	350	13	
9	45	105	15	90	20	185	145	255	255	210	270	185	180	200	165	200	220	255	235	265	280	290	290	255	[VA]	
10	260	245	190	200	230	240	245	260	250	230	160	210	165	220	210	185	165	220	240	250	280	280	345	300	12	
11	260	270	250	285	285	275	255	225	310	270	300	245	255	215	260	265	265	330	265	240	345	20	250	255	13	
12	265	235	330	20	35	270	230	240	170	5	350	200	195	235	235	240	190	165	165	160	165	175	195	140	11	
13	150	315	220	255	185	220	30	60	335	185	165	235	220	215	180	190	200	285	240	135	0	10	110	170	[VA]	
14	310	355	355	340	25	5	25	70	95	105	80	140	125	45	40	80	150	345	10	40	80	40	250	330	3	
15	170	355	50	75	85	55	30	65	50	150	145	115	40	125	165	220	195	180	205	140	130	5	55	55	3	
16	15	20	110	180	305	340	110	145	115	65	65	140	135	110	280	245	265	260	185	155	200	90	310	150	6	
17	290	0	10	65	300	190	115	130	25	150	45	195	245	245	250	240	185	120	180	140	175	245	45	160	9	
18	355	325	330	335	15	80	70	145	170	135	125	175	160	200	240	225	170	125	160	170	195	320	10	15	9	
19	50	20	100	5	90	25	130	40	290	155	170	180	200	220	230	235	235	240	165	170	175	75	355	195	9	
20	15	15	50	20	10	0	80	30	45	125	140	230	240	245	240	245	260	285	190	170	180	150	185	110	12	
21	20	235	245	20	80	150	160	235	235	210	160	240	225	205	125	235	255	260	225	215	190	245	30	0	11	
22	160	10	250	25	110	45	0	255	140	105	185	210	145	160	205	205	175	155	145	140	120	75	0	70	7	
23	235	155	70	200	165	205	145	200	150	180	195	245	195	220	200	350	200	140	210	105	195	50	90	10	10	
24	5	130	0	50	40	15	20	80	15	160	320	40	205	250	260	260	250	235	235	15	10	210	5	220	2	
25	220	220	220	220	220	220	225	225	225	225	220	220	220	220	220	220	220	220	220	220	220	220	45	15	11	
26	150	130	290	35	175	355	150	240	335	225	200	235	245	240	255	295	270	270	255	245	235	30	205	210	11	
27	50	185	235	155	150	170	175	25	100	35	75	105	335	230	200	70	250	185	15	335	105	295	25	230	9	
28	10	35	295	345	340	230	305	325	265	185	155	155	140	215	10	130	175	15	65	80	75	340	35	55	16	
29	25	25	330	40	30	30	20	160	5	135	130	155	220	245	250	230	210	155	10	185	15	10	350	355	[VA]	
30	0	335	0	330	75	50	115	285	125	290	145	140	25	245	250	185	45	175	100	20	70	170	0	10	1	
31	10	5	340	15	165	310	285	250	260	265	260	245	290	350	355	330	330	355	80	55	5	5	30	60	1	
PV	1	2	16	2	2	[VA]	2	11	[VA]	8	9	9	11	11	12	12	10	[VA]	9	[VA]	10	1	1	1	11	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 1

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV PEAK
1	355	20	110	5	5	10	0	5	80	50	135	105	180	280	240	275	35	20	0	355	20	40	80	75	1
2	70	350	160	5	115	140	50	45	0	100	130	190	160	105	260	240	100	120	45	340	110	105	40	175	6
3	105	350	30	75	60	325	100	165	310	95	140	105	65	175	155	245	250	95	270	235	230	235	180	180	[VA]
4	355	25	145	150	65	255	5	95	265	215	180	65	245	30	10	220	160	180	345	340	20	340	70	35	16
5	80	45	350	165	235	325	280	290	220	310	135	170	145	70	10	240	265	260	255	235	240	275	20	300	12
6	200	90	130	160	170	45	55	295	190	[PF]	70	115	125	330	255	245	210	275	140	165	170	130	85	10	[VA]
7	5	300	15	325	5	310	185	345	25	5	155	150	115	120	85	170	200	170	170	180	175	195	170	195	9
8	160	155	175	185	210	195	195	200	225	245	195	220	215	175	215	270	240	205	165	245	345	30	45	35	[VA]
9	15	320	40	15	40	20	130	80	125	100	30	135	120	130	345	260	295	295	245	265	165	230	250	225	2
10	185	170	215	175	200	120	210	175	170	170	125	120	135	160	230	245	175	165	180	180	345	10	5	50	9
11	355	15	0	15	30	140	5	355	345	140	120	155	220	190	120	5	190	185	150	180	190	175	340	10	1
12	175	260	170	200	240	170	80	260	150	180	160	185	165	275	100	140	200	180	200	215	245	280	145	200	9
13	225	230	295	225	145	110	30	75	35	110	145	140	170	155	155	165	150	35	0	45	10	110	350	0	8
14	35	0	10	335	10	55	350	355	70	185	170	75	130	115	145	230	245	100	30	185	195	260	115	335	1
15	80	325	45	0	195	10	285	350	280	175	115	130	230	215	45	350	205	235	180	180	300	165	350	180	9
16	215	350	0	20	330	240	205	350	75	170	180	160	240	235	245	230	225	255	240	170	25	20	290	345	11
17	345	10	20	340	10	310	35	65	15	20	95	115	130	40	225	215	190	180	185	180	200	35	245	40	3
18	5	330	10	15	0	20	345	125	35	175	0	125	110	210	240	240	30	170	120	135	230	160	125	40	1
19	175	160	190	180	185	180	210	60	20	80	115	130	130	160	320	345	195	150	10	15	5	355	0	0	9
20	305	325	255	320	350	10	40	350	20	160	155	120	165	185	260	0	220	170	150	25	115	330	55	15	1
21	340	40	325	0	0	30	310	10	355	120	100	120	140	160	210	235	205	180	140	355	5	25	30	60	[VA]
22	5	35	30	15	5	25	30	15	40	55	135	135	170	145	250	245	230	185	205	175	345	355	345	80	2
23	20	20	340	50	5	6	55	330	130	115	155	235	240	220	235	255	350	305	205	330	185	170	50	35	16
24	235	225	230	245	260	210	120	200	75	245	20	350	270	235	250	245	155	200	60	350	195	190	145	10	[VA]
25	35	0	100	20	340	195	170	5	285	205	120	145	255	295	350	5	290	160	355	345	15	5	335	25	1
26	335	345	0	15	100	320	250	65	180	165	90	125	275	270	230	250	225	30	5	200	170	315	40	55	16
27	195	345	15	210	30	35	10	10	80	10	155	345	135	315	240	300	230	185	170	190	75	35	350	45	1
28	145	330	75	185	20	30	355	255	25	105	170	220	45	140	25	205	265	295	290	20	35	350	20	350	2
29	295	10	15	215	20	355	170	325	35	125	110	145	180	240	220	310	245	170	190	90	345	60	30	40	2
30	315	35	35	5	35	330	290	10	45	135	175	60	160	230	270	245	175	265	275	0	25	115	15	0	[VA]
31	225	220	15	165	55	45	20	310	305	135	145	155	215	220	225	210	290	160	65	245	75	15	355	355	11
PV	1	1	2	1	2	2	1	1	3	7	7	7	7	9	12	12	[VA]	9	9	9	[VA]	2	1	3	1

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	1.5	1.0	[IM]	[IM]	1.0	1.5	1.5	2.5	3.5	4.0	3.0	1.5	2.0	2.5	2.5	2.0	2.5	1.5	1.5	[IM]	2.0	4.0
2	1.5	[IM]	1.5	1.5	1.0	[IM]	[IM]	1.0	[IM]	2.0	2.5	3.5	4.0	2.5	3.5	3.5	2.0	2.5	2.5	1.0	1.5	1.5	1.0	[IM]	2.0	4.0
3	1.0	[IM]	[IM]	1.5	[IM]	1.5	2.0	2.5	1.5	1.5	3.5	2.5	3.0	2.0	2.0	2.5	3.0	2.0	2.5	1.5	2.0	1.5	1.5	2.0	2.0	3.5
4	1.5	.5	[IM]	[IM]	[IM]	[IM]	1.0	[IM]	[IM]	1.0	1.5	3.0	2.5	2.5	2.0	3.0	1.5	3.0	2.5	[IM]	[IM]	1.0	[IM]	[IM]	2.0	3.0
5	1.0	[IM]	[IM]	1.0	.5	[IM]	[IM]	[IM]	[IM]	1.0	3.0	3.0	2.5	2.0	2.0	3.0	[IM]	4.5	2.5	2.5	2.5	1.0	1.0	2.0	2.0	4.5
6	1.5	2.0	1.5	2.0	2.0	2.0	1.5	1.5	4.5	2.5	3.0	3.0	2.5	4.0	7.5	6.0	3.0	4.5	8.5	13.0	6.0	3.5	7.0	5.5	4.0	13.0
7	8.5	7.5	3.0	3.0	2.0	2.0	4.0	2.5	2.5	3.0	4.5	5.0	4.5	5.0	9.5	9.0	7.0	11.0	9.5	9.0	8.0	6.5	5.5	5.0	5.5	11.0
8	2.5	3.5	4.0	3.0	2.5	2.0	4.0	3.0	4.0	3.0	2.0	5.0	5.5	4.5	3.5	4.5	3.5	1.0	1.5	6.5	6.5	4.0	2.5	5.0	3.5	6.5
9	2.5	2.0	1.5	1.0	5.5	4.5	6.5	10.0	6.0	7.0	6.5	4.5	5.5	7.0	6.0	4.5	2.5	2.5	3.0	1.0	1.5	4.0	5.0	1.0	4.0	10.0
10	2.5	2.0	[IM]	2.0	[IM]	[IM]	1.0	2.0	2.5	3.0	5.5	4.5	5.5	2.5	3.5	4.5	5.5	6.0	13.5	15.0	9.0	6.5	9.0	7.0	5.5	15.0
11	10.0	10.0	12.5	12.0	11.0	11.5	10.0	10.5	8.0	3.5	5.0	4.0	5.5	7.0	8.0	7.5	9.0	8.0	7.5	7.5	5.0	[IM]	[IM]	[IM]	8.0	12.5
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	1.0	3.5	3.5	2.5	3.0	5.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.0	5.5
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.5	3.0	2.0	2.0	2.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.0	5.5
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	1.5	2.5	1.5	3.5	1.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2.0	3.5
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2.5	1.0	3.5	2.5	[IM]	1.5	[IM]	4.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2.5	4.0
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.0	2.5	2.5	2.0	[IM]	2.0	1.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2.0	3.0
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	1.5	1.5	4.5	3.5	2.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2.0	[IM]	[IM]	2.5	4.5
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.0	3.5	2.0	4.0	4.5	3.0	2.5	3.5	5.5	7.0	8.0	7.0	6.0	6.0	4.5	8.0
19	5.5	1.5	[IM]	3.0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	16.0	11.5	9.0	9.0	9.5	8.5	6.5	8.0	7.0	4.0	5.0	5.0	3.5	7.0	16.0
20	2.0	1.5	[IM]	7.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2.5	2.0	2.5	1.5	2.0	[IM]	2.0	5.5	[IM]	7.0	[IM]	[IM]	[IM]	3.0	7.0
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	1.5	[IM]	2.5	2.5	2.5	[IM]	[IM]	[IM]	[IM]	[IM]	1.0	[IM]	[IM]	[IM]	[IM]	2.0	2.5
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2.0	1.5	2.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2.0	2.0
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	6.0	5.5	4.5	[IM]	2.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.0	[IM]	4.0	6.0
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.0	[IM]	[IM]	1.0	[IM]	[IM]	[IM]	4.5	[IM]	3.0	2.0	1.0	[IM]	[IM]	2.5	4.5
25	8.0	6.0	14.5	14.0	14.5	9.5	9.0	9.0	10.0	8.0	7.5	14.0	15.0	10.0	9.5	5.5	6.0	4.0	4.5	5.0	6.0	4.0	3.5	4.5	8.5	15.0
26	[IM]	[IM]	3.5	1.5	3.0	2.5	2.0	[IM]	2.0	[IM]	[IM]	5.0	12.0	11.0	11.5	10.0	4.0	3.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.5	12.0
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2.5	3.0	3.5	2.0	[IM]	[IM]	[IM]	[IM]	[IM]	2.5	3.0	[IM]	[IM]	[IM]	3.0	3.5
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	6.5	7.0	5.5	8.5	13.0	22.5	22.5	24.5	22.5	21.5	22.0	21.5	19.5	17.0	18.0	17.0	24.5
29	17.0	12.0	6.0	11.0	13.0	8.0	5.5	2.5	2.0	9.5	9.0	14.5	15.5	14.0	13.0	14.0	16.0	12.0	13.5	15.5	10.0	7.0	8.0	13.0	11.0	17.0
30	13.0	11.5	13.0	15.5	12.0	11.0	8.5	9.0	7.5	[IM]	6.5	8.0	11.0	8.5	9.5	5.5	9.0	14.0	15.5	16.0	12.5	6.0	6.5	4.0	10.0	16.0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5.0	5.0	6.0	5.5	5.5	5.0	4.5	5.0	4.5	3.5	4.0	5.0	5.0	5.0	6.0	6.5	6.0	5.5	7.0	7.5	6.0	4.5	5.0	6.0	4.5	[ ]
SD	4.8	4.1	4.9	5.0	5.1	3.9	3.1	3.7	2.8	2.5	2.2	3.6	4.0	3.6	4.8	4.9	5.6	5.1	5.4	6.1	4.7	4.2	3.9	4.5	3.4	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.0	7.5	17.0	10.0	7.0	3.0	4.0	9.0	10.5	9.0	11.0	7.0	5.5	5.5	5.0	3.5	[IM]	1.5	2.5	[IM]	[IM]	[IM]	[IM]	[IM]	6.5	17.0
2	2.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.0	2.0	[IM]	[IM]	[IM]	3.5	3.5	4.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.0	4.0
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.0	3.0	3.5	2.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.0	3.5
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.5	[IM]	2.5	3.5	3.0	[IM]	[IM]	[IM]	2.5	[IM]	[IM]	[IM]	1.5	[IM]	3.0	3.5
5	[IM]	3.5	3.0	3.0	3.5	2.5	2.5	[IM]	[IM]	2.5	3.0	4.5	2.5	3.0	3.5	3.5	[IM]	3.5	[IM]	2.0	[IM]	[IM]	3.5	2.5	3.0	4.5
6	3.5	3.5	3.5	2.5	1.5	[IM]	1.5	[IM]	2.0	3.5	[IM]	1.5	3.0	4.0	3.5	[IM]	[IM]	[IM]	2.0	3.5	2.5	3.5	2.5	3.5	3.0	4.0
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2.5	3.5	3.0	2.5	3.0	2.5	2.5	2.5	4.0	[IM]	3.5	4.5	3.0	[IM]	2.5	[IM]	[IM]	[IM]	3.0	4.5
8	2.5	5.0	3.0	3.0	3.5	[IM]	[IM]	3.0	2.5	2.5	3.0	3.0	2.5	3.0	3.5	3.5	[IM]	[IM]	[IM]	3.0	2.5	2.0	1.5	1.5	3.0	5.0
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	1.5	2.0	[IM]	1.5	1.0	[IM]	1.5	1.5	3.0	[IM]	[IM]	1.5	1.5	2.0	[IM]	2.0	2.0	2.0	2.0	3.0
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	1.5	[IM]	[IM]	[IM]	[IM]	1.5	1.5	1.0	1.0	1.0	1.5	[IM]	[IM]	2.0	[IM]	2.0	1.5	[IM]	1.5	2.0
11	[IM]	[IM]	1.5	1.5	1.5	1.5	[IM]	1.5	1.5	1.5	2.5	3.0	[IM]	1.5	2.0	1.5	2.5	2.0	1.5	[IM]	[IM]	[IM]	2.0	1.5	2.0	3.0
12	1.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2.0	3.0	7.0	13.0	13.5	16.5	18.5	17.0	15.0	12.0	9.5	4.5	5.5	3.5	9.5	18.5
13	5.5	11.0	8.5	4.0	4.5	3.5	2.5	3.5	3.5	5.0	10.0	17.5	9.5	8.0	17.5	17.5	8.5	2.5	9.5	4.0	8.5	6.5	3.5	7.5	7.5	17.5
14	6.5	6.5	6.0	6.0	5.5	4.5	5.5	7.0	6.5	7.5	8.0	7.5	7.5	5.0	4.5	[IM]	1.5	1.5	1.5	2.5	2.5	[IM]	[IM]	1.5	5.0	8.0
15	1.5	1.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.5	3.5	[IM]	[IM]	[IM]	[IM]	2.5	3.0	[IM]	[IM]	[IM]	[IM]	2.0	2.5	3.5
16	1.5	3.0	3.0	2.5	[IM]	3.0	3.5	2.5	[IM]	[IM]	2.0	1.5	2.5	2.0	1.5	2.5	1.5	1.5	3.5	3.0	2.5	1.5	[IM]	1.5	2.5	3.5
17	2.0	2.0	2.5	2.0	2.5	2.0	1.5	1.5	2.0	2.0	1.5	[IM]	1.5	3.0	2.5	[IM]	2.0	2.5	2.5	2.0	[IM]	[IM]	[IM]	[IM]	2.0	3.0
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	1.5	1.5	[IM]	1.5	2.0	2.0	1.0	1.5	[IM]	[IM]	[IM]	1.5	2.0
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2.0	2.0	[IM]	[MT]	[MT]	[MT]	3.5	2.0	1.5	2.0	2.5	1.5	2.0	2.0	3.5
20	1.5	1.5	1.5	[IM]	1.5	1.5	1.5	[IM]	[IM]	1.5	2.0	2.0	2.5	1.5	2.5	3.0	2.0	1.0	2.0	2.5	1.5	1.5	1.5	1.5	2.0	3.0
21	1.0	1.5	1.5	[IM]	1.5	2.5	[IM]	1.5	1.5	1.5	2.0	2.5	2.5	2.0	2.5	3.5	2.0	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.0	3.5
22	1.0	1.0	1.5	1.0	1.0	1.5	[IM]	2.0	1.5	1.0	2.0	2.5	2.5	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.5	1.5	1.5	1.0	1.5	2.5
23	1.5	1.5	1.5	2.5	2.0	1.5	1.0	1.5	1.5	1.5	2.0	2.0	2.5	2.5	3.0	1.5	1.5	3.0	2.0	2.0	3.5	2.0	2.0	1.5	2.0	3.5
24	2.0	2.0	2.0	1.0	1.0	[IM]	1.5	1.5	1.5	2.0	1.5	3.5	3.0	2.5	3.5	4.5	3.0	2.0	3.0	3.5	1.5	2.5	1.5	2.0	2.5	4.5
25	1.5	1.5	1.5	3.0	2.5	2.5	2.0	2.0	2.0	3.0	3.0	4.5	4.0	3.0	2.5	2.0	1.5	2.5	1.5	2.0	2.5	2.5	1.5	1.0	2.5	4.5
26	1.5	1.5	1.5	1.5	2.0	1.5	1.5	2.0	1.0	1.5	1.5	2.5	2.0	2.5	4.0	3.0	3.0	3.0	1.5	2.0	3.0	6.5	5.0	5.0	2.5	6.5
27	2.5	2.5	2.5	2.5	2.5	2.5	3.0	3.5	2.5	3.5	4.0	4.0	7.0	2.5	5.0	5.0	5.0	2.5	4.0	3.5	6.0	4.0	2.5	4.0	3.5	7.0
28	2.0	2.0	1.0	2.0	2.0	1.5	1.5	2.0	2.0	1.0	1.5	1.5	3.5	4.5	1.5	1.5	3.0	3.0	2.0	2.0	1.5	1.0	2.0	2.0	2.0	4.5
29	1.5	1.0	1.5	1.5	1.0	1.5	1.0	1.0	1.5	2.0	1.5	2.5	3.0	3.0	2.0	3.0	2.5	2.5	3.0	2.0	2.0	1.5	1.5	1.0	2.0	3.0
30	2.0	5.0	1.5	2.0	3.5	2.0	1.5	2.0	2.5	1.5	2.5	1.5	3.0	2.5	7.0	5.0	2.5	2.5	7.5	4.5	2.5	2.0	4.0	3.5	3.0	7.5
31	4.0	3.5	2.5	2.5	3.5	3.5	3.5	3.0	4.0	6.0	5.5	6.0	6.5	7.0	11.5	6.5	12.0	9.5	3.5	4.5	3.5	4.5	5.0	3.0	5.0	12.0
AV	2.5	3.0	3.0	3.0	2.5	2.5	2.0	3.0	3.0	3.0	3.5	3.5	3.5	3.5	4.0	4.5	4.0	3.5	3.5	3.0	3.0	3.0	2.5	2.5	3.0	[ ]
SD	1.4	2.5	3.5	2.0	1.6	.9	1.1	1.9	2.1	2.1	2.6	3.2	2.0	2.4	3.7	4.4	4.1	3.2	2.9	2.1	2.1	1.6	1.3	1.5	1.8	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.0	4.0	4.5	5.0	5.5	5.0	4.5	4.0	2.5	2.0	2.5	1.5	2.5	3.0	3.5	3.0	1.5	2.5	3.0	2.0	1.5	2.0	1.5	2.5	3.0	5.5
2	2.0	1.5	1.0	2.5	2.0	2.0	2.5	2.0	2.0	1.5	2.0	2.5	2.5	2.0	2.0	2.5	5.0	3.5	3.0	2.5	1.5	4.5	3.0	2.0	2.5	5.0
3	2.5	2.0	1.5	2.5	2.0	1.0	2.0	1.5	1.5	1.5	2.0	1.0	2.5	2.5	1.5	2.0	2.0	1.5	1.0	1.5	2.0	2.0	2.5	3.0	2.0	3.0
4	2.0	1.5	1.0	2.0	1.5	1.5	1.5	1.5	3.0	3.0	2.0	3.0	3.5	3.0	2.0	1.5	3.0	2.0	2.5	2.0	2.0	2.0	1.5	1.5	2.0	3.5
5	1.5	1.5	2.0	1.5	2.5	3.0	3.0	2.0	2.5	2.0	1.5	2.5	2.5	1.5	3.5	1.5	2.5	2.5	1.5	2.5	6.5	4.0	3.0	2.5	2.5	6.5
6	2.0	2.5	2.0	2.5	4.5	4.5	4.5	2.5	2.5	2.0	[PF]	2.5	5.0	6.5	4.0	4.0	5.0	2.0	2.0	1.5	2.5	1.5	2.0	2.0	3.0	6.5
7	1.0	1.5	2.0	1.5	1.5	2.0	2.0	2.0	1.5	1.5	1.5	2.0	1.5	2.0	2.0	1.5	1.5	1.5	1.5	1.5	1.5	2.0	1.5	1.5	1.5	2.0
8	1.5	2.0	1.5	1.5	2.0	2.0	1.5	2.0	2.0	2.0	2.5	2.0	2.5	2.0	2.5	2.5	2.0	2.0	2.0	1.5	2.0	1.5	1.5	2.5	2.0	2.5
9	1.5	2.0	1.5	2.0	1.5	1.0	1.5	1.5	1.5	2.0	2.5	1.5	2.5	2.0	2.5	3.0	2.0	1.5	2.0	2.0	1.5	2.0	1.5	1.5	2.0	3.0
10	2.0	2.0	2.5	1.5	3.0	3.5	2.5	2.0	2.5	1.5	1.5	1.5	2.0	6.0	6.0	6.0	8.0	6.5	2.0	2.0	3.0	3.0	1.5	2.5	3.0	8.0
11	2.0	2.0	1.5	1.5	1.5	1.5	2.0	2.0	1.5	1.5	1.5	2.5	2.0	2.5	2.5	1.5	1.5	2.0	2.5	2.0	2.5	1.5	1.5	1.5	2.0	2.5
12	2.0	2.5	1.5	4.0	2.5	3.5	3.0	2.0	1.5	2.5	2.0	2.5	3.5	4.0	3.5	2.5	7.0	10.0	11.0	10.0	10.5	8.5	6.0	9.0	5.0	11.0
13	13.5	17.0	15.5	11.0	7.0	5.5	2.5	3.0	2.5	2.0	1.5	1.5	2.0	2.5	2.0	1.5	2.5	3.5	3.0	2.5	1.5	2.5	1.5	1.5	4.5	17.0
14	1.5	1.5	1.5	1.5	2.0	1.5	1.5	1.5	1.5	1.0	1.5	2.0	2.5	3.5	2.0	2.0	2.5	3.0	2.0	3.0	3.5	2.5	3.0	3.0	2.0	3.5
15	2.0	2.0	1.5	2.5	2.5	2.5	2.5	2.5	3.0	2.5	2.5	2.5	2.5	3.0	3.5	1.5	1.5	4.0	3.0	3.0	3.5	3.0	4.0	3.0	2.5	4.0
16	4.0	2.5	2.0	2.0	2.5	2.0	2.0	1.5	1.5	2.0	2.5	2.0	2.5	2.0	1.5	1.5	1.5	2.0	2.0	2.0	1.0	1.0	2.0	2.0	2.0	4.0
17	2.0	1.5	2.0	1.5	1.0	1.5	2.5	1.5	2.0	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5	2.5	2.0	2.0	1.5	2.0	1.5	2.0	2.5
18	1.5	1.5	1.0	1.0	1.5	1.5	1.5	2.0	1.5	2.0	2.5	3.0	2.5	2.0	3.0	2.0	8.0	4.5	3.0	2.5	1.5	2.5	2.5	2.0	2.5	8.0
19	2.0	3.5	2.0	3.0	2.0	4.5	2.5	2.0	2.0	1.5	1.5	2.0	2.0	4.0	4.5	5.0	3.0	3.5	3.0	2.5	1.5	2.5	2.5	1.5	2.5	5.0
20	2.0	2.0	1.5	1.5	1.5	2.0	1.5	3.0	1.5	1.5	1.5	2.0	1.5	2.0	3.0	2.0	1.0	2.5	3.0	3.0	2.0	1.5	1.5	2.0	2.0	3.0
21	1.0	1.5	1.5	2.0	1.0	1.5	1.0	1.0	1.0	1.0	2.0	2.5	2.5	2.0	2.0	3.0	2.0	3.0	2.5	2.5	2.5	2.0	1.5	2.5	2.0	3.0
22	1.5	1.0	1.5	1.0	1.0	1.5	.5	.5	.5	1.0	1.5	2.5	3.0	3.5	2.0	3.0	2.5	2.5	1.5	2.5	2.0	2.0	2.5	2.0	2.0	3.5
23	2.0	1.5	2.0	2.0	1.5	1.5	2.0	2.0	2.0	2.5	3.5	2.5	2.5	3.0	2.5	3.0	3.0	3.0	2.0	2.5	1.5	2.5	4.0	2.0	2.5	4.0
24	2.0	1.5	2.0	2.5	2.0	1.5	2.0	3.0	3.0	4.0	5.0	4.5	3.0	3.0	2.0	2.5	3.0	3.0	2.5	4.0	9.0	9.0	6.5	3.0	3.5	9.0
25	6.0	4.0	1.5	2.5	2.5	2.0	2.5	2.0	2.0	1.5	2.0	1.5	5.0	5.5	5.5	10.0	5.5	4.0	2.5	3.0	2.0	2.0	1.5	2.0	3.5	10.0
26	2.0	1.0	2.0	1.5	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	3.5	3.0	4.0	3.0	2.5	3.5	2.0	1.5	2.5	2.0	3.0	1.5	2.5	4.0
27	2.0	2.5	2.0	2.0	2.5	2.0	1.5	1.5	2.0	1.5	2.0	2.5	2.5	2.0	2.0	4.0	5.0	2.5	2.0	2.5	2.5	1.5	2.0	2.5	2.5	5.0
28	3.0	3.0	3.5	2.5	3.0	2.5	2.5	2.5	2.5	2.5	3.0	4.5	4.0	2.0	2.0	2.5	2.5	2.5	3.0	2.0	2.0	2.0	2.0	3.0	2.5	4.5
29	1.5	2.0	2.0	2.0	1.5	2.5	2.5	2.5	1.5	2.0	2.5	1.5	1.0	3.5	4.0	2.0	2.0	3.0	2.5	2.5	2.5	1.5	1.5	2.0	2.0	4.0
30	1.5	1.5	1.5	1.5	2.0	2.0	2.5	2.5	2.5	3.0	4.5	2.5	1.5	2.0	3.5	2.5	2.0	2.5	4.0	17.0	15.0	9.5	7.0	2.0	4.0	17.0
31	4.5	3.5	3.5	3.0	1.5	2.0	1.5	2.0	2.5	2.0	2.5	2.5	4.0	3.5	1.5	2.0	3.5	3.5	2.5	3.0	2.5	2.0	1.5	1.5	2.5	4.5
AV	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.0	2.0	2.0	2.5	2.5	2.5	3.0	3.0	3.0	3.0	3.0	2.5	3.0	3.0	3.0	2.5	2.5	2.5	[ ]
SD	2.2	2.7	2.5	1.8	1.3	1.1	.8	.7	.6	.6	.8	.7	.9	1.2	1.1	1.7	1.9	1.6	1.6	2.9	3.0	2.1	1.5	1.3	.8	[ ]

WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.0	4.5	5.5	4.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	5.5
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	5.5	6.5	5.0	5.5	5.5	5.0	[IM]	4.5	5.0	[IM]	[IM]	5.0	[IM]	5.0	6.5
3	[IM]	[IM]	[IM]	[IM]	4.5	[IM]	4.5	4.5	[IM]	[IM]	5.5	5.0	6.0	4.5	4.5	5.0	5.5	5.0	7.5	4.5	5.5	4.0	4.5	4.0	5.0	7.5
4	4.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.5	4.0	5.5	5.5	5.5	5.5	5.5	4.5	4.0	4.5	4.0	4.0	4.5	4.5	[IM]	4.5	5.5
5	[IM]	[IM]	[IM]	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.0	5.5	5.0	4.5	4.5	5.5	[IM]	5.0	4.5	4.5	4.5	4.0	3.5	4.5	4.5	5.5
6	4.5	4.5	4.0	4.5	4.5	4.5	4.5	4.5	7.5	4.5	5.5	5.5	5.5	7.0	10.0	8.5	6.0	7.0	12.0	16.5	9.0	7.5	11.5	9.5	7.0	16.5
7	12.5	11.0	8.5	5.5	4.5	4.5	5.5	8.5	7.0	6.0	6.5	7.5	7.0	7.5	12.0	12.0	9.5	14.5	12.5	12.0	11.0	9.5	8.5	8.0	9.0	14.5
8	5.0	5.5	6.5	6.5	5.0	5.0	6.5	5.5	6.5	5.5	4.5	7.0	7.5	7.0	5.5	5.5	5.5	5.5	5.0	9.0	9.0	6.0	5.5	7.5	6.0	9.0
9	6.0	5.0	4.5	4.5	7.5	8.5	10.0	13.0	8.0	9.5	9.0	7.0	8.5	9.5	8.5	7.0	6.5	4.0	5.5	4.0	4.5	7.5	8.0	4.0	7.0	13.0
10	4.5	5.5	4.0	4.5	4.0	[IM]	[IM]	5.0	5.0	5.0	8.0	7.5	8.0	5.0	6.0	7.0	9.0	9.5	16.0	17.5	12.0	9.5	13.0	9.0	8.0	17.5
11	13.0	12.5	15.5	15.0	14.5	14.0	13.0	13.5	9.5	6.0	7.5	6.0	8.0	9.5	10.0	9.5	11.5	10.5	10.0	10.5	8.5	[IM]	[IM]	[IM]	11.0	15.5
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.0	5.5	5.5	5.5	5.5	7.0	[IM]	[IM]	[IM]	[IM]	6.0	[IM]	[IM]	[IM]	[IM]	5.5	7.0
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.5	4.0	5.0	3.5	5.5	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	5.5
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	4.0	5.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	[IM]	[IM]	4.5	5.5
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	5.5	4.5	3.5	4.5	[IM]	6.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.0	6.5
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	6.0	6.0	6.0	5.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	6.0	6.0
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	6.0	5.5	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.5	6.0
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.0	5.0	4.0	7.0	8.0	7.0	5.5	6.5	8.5	10.0	10.0	9.0	8.0	9.0	7.5	10.0
19	7.5	[IM]	[IM]	[IM]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	17.0	12.5	10.5	9.5	9.0	9.5	8.5	10.5	9.5	7.0	8.5	9.0	5.5	9.5	17.0
20	6.0	5.5	[IM]	11.5	6.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.0	4.0	4.5	4.0	3.5	[IM]	7.5	6.0	[IM]	7.5	[IM]	[IM]	[IM]	6.0	11.5
21	[IM]	[IM]	4.5	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.5	6.0	5.5	[IM]	[IM]	4.0	[IM]	[IM]	9.5	[IM]	[IM]	[IM]	[IM]	5.5	9.5
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.0	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	4.5
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	6.5	6.0	5.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	6.0	6.5
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.0	[IM]	[IM]	5.5	7.0	[IM]	7.5	7.5	5.5	5.0	4.5	6.0	7.5
25	11.0	10.5	17.0	17.0	18.0	12.0	12.5	11.0	10.5	9.0	9.5	14.5	16.0	10.0	9.0	7.5	8.0	9.0	8.5	8.5	9.5	7.0	6.5	4.0	10.5	18.0
26	[IM]	4.0	5.0	3.0	5.5	5.0	3.5	4.0	4.0	[IM]	[IM]	5.5	13.5	11.5	12.5	10.5	5.5	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	6.5	13.5
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.5	6.0	6.0	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	4.0	4.0	[IM]	[IM]	[IM]	5.0	6.0
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	9.5	10.5	8.5	11.5	16.5	25.0	24.0	37.0	24.0	23.0	23.5	23.5	21.0	19.0	20.0	20.0	37.0
29	18.5	15.0	9.0	13.0	15.5	10.5	7.5	6.5	5.5	12.5	12.0	17.5	18.5	17.0	16.5	17.0	17.5	15.0	16.5	18.0	12.5	10.0	10.5	15.5	13.5	18.5
30	15.0	14.0	15.0	17.0	14.0	13.5	11.0	12.5	10.0	[IM]	7.0	11.5	14.0	12.5	13.0	8.0	12.5	17.0	18.0	17.5	15.0	9.5	9.0	7.0	13.0	18.0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	9.0	8.5	8.5	8.5	8.5	8.5	8.0	8.0	7.5	6.5	6.5	7.0	7.5	7.5	8.5	9.0	9.0	9.0	10.0	10.0	9.0	8.0	8.0	8.0	7.0	[ ]
SD	4.7	4.0	4.8	5.1	5.0	3.8	3.3	3.6	2.1	2.8	2.2	3.5	3.9	3.5	4.9	4.8	7.3	5.2	5.3	5.6	4.6	3.9	3.9	4.5	3.4	[ ]

WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6.0	10.5	20.0	14.0	10.5	7.0	7.0	13.5	13.5	12.5	14.0	10.0	8.0	8.5	7.0	7.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10.5	20.0
2	[IM]	6.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.5	6.0	5.0	5.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.5	6.0
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	4.5	5.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.0	5.5
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.0	5.0	6.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.5	6.0
5	[IM]	4.0	4.5	[IM]	[IM]	4.5	[IM]	[IM]	[IM]	[IM]	6.0	6.5	[IM]	6.0	[IM]	5.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.0	6.5
6	[IM]	6.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.5	6.5	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	6.0	6.5
7	[IM]	[IM]	5.0	[IM]	[IM]	[IM]	[IM]	5.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	6.5	[IM]	[IM]	[IM]	[IM]	[IM]	5.5	[IM]	[IM]	[IM]	5.5	6.5
8	[IM]	[IM]	[IM]	4.5	6.0	[IM]	[IM]	5.5	4.5	5.5	5.5	4.0	5.0	5.0	5.5	5.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.0	6.0
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	[IM]	[IM]	[IM]	[IM]	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	[IM]	[IM]	4.5	4.5
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.0	4.0
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10.5	11.0	16.5	17.0	19.5	22.0	20.0	18.0	15.5	12.5	9.0	4.5	6.5	14.0	22.0
13	9.0	14.5	12.5	8.0	6.5	6.5	5.5	[IM]	5.5	8.5	13.5	21.0	13.5	11.5	21.0	20.5	11.5	4.5	13.0	7.0	12.0	9.5	4.0	10.0	11.0	21.0
14	8.5	10.0	9.5	7.5	7.0	6.0	7.0	9.0	8.0	9.0	9.0	8.5	8.0	6.5	6.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	8.0	10.0
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.5	[IM]	[IM]	[IM]	[IM]	[IM]	5.5	5.5
17	[IM]	[IM]	[IM]	[IM]	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	4.5
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[MT]	[MT]	[MT]	5.5	5.0	4.0	3.5	4.5	4.0	4.5	4.5	5.5
20	4.0	4.0	4.0	3.5	4.0	3.5	3.5	3.5	[IM]	3.5	4.5	4.0	4.5	3.5	4.5	4.5	4.0	3.5	3.5	4.5	4.0	4.0	4.5	3.5	4.0	4.5
21	3.5	3.5	3.5	3.0	4.0	4.0	2.5	3.0	3.0	3.0	4.0	5.0	5.0	5.0	5.0	5.0	4.0	4.0	5.0	5.0	5.0	5.5	5.0	4.5	4.0	5.5
22	4.0	4.0	4.5	4.0	4.0	4.0	4.0	4.5	4.0	4.0	4.5	4.5	4.5	4.5	4.0	3.5	3.5	4.0	3.5	4.0	3.5	4.5	3.5	4.0	4.0	4.5
23	4.0	4.5	3.5	4.5	4.5	4.5	3.5	3.5	4.0	4.0	4.5	4.5	5.0	5.5	5.5	4.0	4.0	5.0	5.0	5.0	5.5	5.0	4.5	4.0	4.5	5.5
24	3.5	4.0	4.0	3.0	4.5	3.5	4.0	4.5	4.0	3.5	4.0	5.5	5.5	5.0	6.0	7.0	5.5	4.0	5.5	5.5	4.0	5.0	4.5	4.5	4.5	7.0
25	4.0	3.5	4.0	5.5	5.0	5.5	5.5	4.5	4.5	5.5	5.5	6.5	6.0	5.0	5.0	4.5	4.5	6.0	4.5	4.5	4.5	4.5	4.0	4.0	5.0	6.5
26	4.5	4.0	4.0	4.0	5.0	4.0	4.0	3.5	3.0	4.0	4.0	4.5	4.5	5.0	5.5	5.0	4.5	5.0	4.5	4.5	6.0	8.5	8.0	8.0	5.0	8.5
27	5.0	4.5	4.5	4.5	5.0	5.0	5.5	5.5	5.0	6.0	6.5	6.5	10.0	5.5	7.5	8.5	8.0	6.5	7.5	6.0	8.5	6.5	5.0	6.0	6.0	10.0
28	5.0	4.5	4.0	4.5	4.5	4.0	4.5	4.0	4.5	4.0	4.0	4.0	7.0	7.0	4.0	4.0	3.5	4.5	3.5	5.0	4.0	4.0	4.5	4.0	4.5	7.0
29	4.5	3.5	4.5	4.0	3.0	3.5	3.5	3.0	4.0	4.0	4.5	4.5	5.5	5.5	5.0	5.5	4.5	4.5	4.0	4.0	3.5	4.0	4.0	3.5	4.0	5.5
30	4.5	3.5	4.0	4.5	5.0	4.5	4.0	5.0	4.0	4.0	4.5	4.0	5.5	5.5	9.5	8.0	4.5	5.5	11.0	7.0	5.0	5.0	6.5	6.0	5.5	11.0
31	6.5	5.0	5.0	5.5	6.5	7.0	6.5	6.0	7.5	9.0	8.5	9.0	9.5	10.5	15.0	10.0	14.0	10.5	5.5	7.0	6.0	7.0	7.0	5.0	8.0	15.0
AV	5.0	5.5	6.0	5.5	5.5	5.0	4.5	5.5	5.5	5.5	6.5	6.5	6.5	6.5	7.5	7.5	7.0	6.0	6.5	6.0	6.0	5.5	5.0	5.0	6.0	[ ]
SD	1.6	3.0	4.2	2.6	1.7	1.2	1.3	2.6	2.6	2.6	3.1	3.9	2.5	2.8	4.4	4.8	5.0	4.0	3.9	2.8	2.7	1.8	1.2	1.8	2.3	[ ]

WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4.5	4.5	6.5	7.0	7.5	7.5	7.5	7.0	4.5	4.0	4.0	3.5	5.0	6.0	5.5	4.5	3.5	3.5	4.5	3.5	3.5	4.0	3.5	3.5	5.0	7.5
2	3.5	4.0	3.5	5.0	3.5	3.5	4.0	4.5	4.0	3.5	4.0	3.5	5.0	4.5	5.0	5.0	7.5	5.5	5.5	5.0	4.5	7.0	5.5	4.0	4.5	7.5
3	4.5	4.5	4.0	4.5	4.5	4.0	4.0	4.0	4.0	4.0	4.5	3.5	5.0	5.0	4.0	4.5	4.5	4.0	3.5	4.0	4.5	4.5	5.0	5.5	4.5	5.5
4	4.5	4.0	3.5	4.0	4.0	4.0	4.0	4.0	5.0	5.5	4.5	5.5	6.0	5.0	4.5	3.5	5.0	3.5	3.5	4.0	4.0	4.5	4.0	4.5	4.5	6.0
5	4.0	3.5	4.5	4.0	4.5	5.0	5.0	4.5	4.5	4.5	4.0	4.5	5.0	4.0	6.0	4.0	5.0	5.0	4.5	5.0	9.5	6.0	5.5	5.5	5.0	9.5
6	4.5	4.0	4.5	4.5	6.0	6.0	7.0	4.5	4.5	4.0	[PF]	4.0	8.0	9.0	6.5	6.5	7.5	4.5	4.5	4.5	4.5	4.0	4.0	4.0	5.5	9.0
7	3.5	5.0	4.5	3.5	4.0	4.5	4.5	4.0	4.0	3.5	4.0	4.5	4.0	4.5	4.0	4.0	3.5	3.5	4.5	4.0	4.0	4.5	4.0	4.0	4.0	5.0
8	4.0	4.5	3.5	3.5	4.0	4.5	4.0	4.0	4.5	4.5	4.5	4.0	5.0	4.5	5.0	5.0	3.5	4.5	4.0	4.0	4.0	3.5	4.0	4.5	4.0	5.0
9	4.5	5.0	3.5	4.5	3.5	4.0	3.5	4.0	4.0	4.0	4.5	4.0	5.0	4.5	5.0	5.5	5.0	4.0	4.0	5.0	4.0	4.0	4.0	4.0	4.5	5.5
10	4.0	4.0	5.0	4.0	5.5	5.5	5.0	4.5	4.5	4.0	4.0	4.0	5.0	8.5	8.5	8.5	10.5	9.0	4.5	4.0	4.5	5.5	4.0	4.5	5.5	10.5
11	4.5	4.5	4.5	4.5	3.5	4.0	4.0	4.5	3.5	3.5	3.5	4.5	5.0	5.5	5.0	4.0	3.5	3.5	3.5	4.0	4.5	4.5	3.5	3.5	4.0	5.5
12	4.5	5.0	4.5	6.5	4.5	6.0	5.5	4.5	4.0	4.5	4.5	5.0	6.0	6.0	6.0	6.0	10.0	13.0	13.5	12.5	13.5	11.0	9.0	11.5	7.5	13.5
13	16.0	19.0	17.5	13.5	9.5	8.5	4.5	5.0	4.5	4.0	4.0	3.5	4.0	5.5	5.0	4.0	4.0	5.0	5.5	5.0	4.0	4.5	4.5	4.5	7.0	19.0
14	4.5	3.5	4.5	4.0	4.0	4.0	4.5	4.5	4.0	3.5	4.0	4.0	5.0	6.5	4.0	4.5	5.0	4.5	4.5	5.0	5.5	5.0	5.5	5.0	4.5	6.5
15	4.0	4.0	4.0	4.5	5.0	5.0	4.5	5.0	5.5	5.0	5.0	5.0	5.0	6.0	6.0	4.0	4.0	6.0	5.0	5.5	6.0	5.0	6.5	5.0	5.0	6.5
16	6.5	4.5	4.0	5.0	4.5	4.0	4.0	4.0	4.0	4.5	5.0	4.5	5.0	4.5	4.0	4.0	4.0	5.0	4.5	4.0	4.0	4.0	4.0	4.5	4.5	6.5
17	4.0	4.0	4.0	4.0	3.0	4.0	4.5	4.0	4.0	4.5	4.5	4.0	5.0	4.5	4.5	4.5	5.0	4.5	4.0	4.0	4.0	3.5	4.0	4.0	4.0	5.0
18	4.0	4.0	4.0	3.5	4.0	4.5	4.5	4.5	4.0	4.0	4.5	5.0	5.0	4.5	5.5	4.5	10.0	6.5	5.5	4.5	4.0	5.0	4.0	4.5	5.0	10.0
19	5.0	6.5	5.0	4.5	3.5	7.0	5.0	4.0	4.0	4.0	3.5	4.0	4.5	6.5	6.5	7.5	5.5	6.5	4.5	4.0	4.0	4.0	4.5	4.0	5.0	7.5
20	4.0	4.0	4.0	4.0	3.5	4.0	4.0	6.0	3.5	3.5	3.5	4.5	4.0	4.5	5.5	4.5	2.5	3.5	4.0	5.0	3.5	4.0	4.0	3.5	4.0	6.0
21	4.0	3.5	4.0	4.0	3.5	3.5	3.5	3.5	3.5	3.5	4.5	5.0	5.0	4.5	4.5	5.5	4.5	4.0	3.5	3.5	3.5	4.0	4.0	3.5	4.0	5.5
22	3.5	2.5	3.5	3.5	3.5	3.5	3.0	3.0	3.0	3.0	3.5	4.5	5.5	6.0	4.5	5.5	5.5	5.0	4.5	4.0	3.5	4.0	4.5	5.0	4.0	6.0
23	4.0	4.0	4.0	4.5	4.0	4.0	4.5	4.0	4.0	5.5	6.0	5.0	5.0	5.0	5.0	5.5	5.5	5.0	4.5	4.5	4.0	5.0	6.5	4.5	4.5	6.5
24	4.0	4.0	4.5	5.0	4.5	4.0	4.5	5.5	5.5	6.5	7.0	7.0	5.5	5.5	4.5	5.5	5.5	5.0	5.0	6.0	12.0	12.0	9.0	5.5	6.0	12.0
25	9.0	7.0	4.0	5.5	4.5	4.5	4.5	4.0	4.5	3.5	4.5	4.0	7.5	8.0	8.5	12.5	8.0	6.5	4.5	5.0	4.5	4.0	4.0	4.0	5.5	12.5
26	4.0	3.5	4.0	4.5	4.0	4.5	4.5	4.5	4.0	4.5	4.5	4.5	6.0	6.0	6.5	5.0	4.5	6.5	4.5	4.5	5.0	4.5	4.5	4.0	4.5	6.5
27	4.0	4.0	4.0	4.5	5.0	4.5	4.0	4.0	5.0	4.0	4.5	5.0	5.0	4.5	4.5	6.5	7.5	5.0	4.5	4.5	4.5	4.0	4.0	5.0	4.5	7.5
28	6.0	5.5	5.5	4.5	4.5	5.0	5.0	5.0	5.0	5.0	5.5	7.0	6.5	4.5	4.5	5.0	5.0	5.0	5.5	4.5	4.0	4.5	4.5	5.0	5.0	7.0
29	4.0	4.0	4.5	4.5	3.5	4.0	4.5	4.5	4.5	5.0	5.0	4.0	4.0	6.0	6.5	5.0	4.5	4.5	4.0	4.0	4.0	3.5	4.0	5.0	4.5	6.5
30	4.0	4.0	4.0	4.0	4.5	4.5	5.0	4.5	5.0	5.0	7.0	5.0	4.0	4.5	6.0	5.0	4.5	5.0	7.0	18.0	16.5	12.0	10.0	5.0	6.5	18.0
31	7.5	6.5	5.0	4.5	4.0	4.5	4.0	4.5	5.0	4.5	4.5	4.5	6.5	6.0	4.0	4.5	6.0	6.0	4.5	5.5	4.5	4.5	4.5	4.0	5.0	7.5
AV	5.0	5.0	4.9	5.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	5.0	5.5	5.5	5.5	5.5	5.0	5.0	5.0	5.5	5.0	5.0	4.5	5.0	[ ]
SD	2.3	2.7	2.4	1.8	1.3	1.2	.9	.7	.6	.7	.9	.8	.9	1.2	1.2	1.7	1.9	1.8	1.7	2.6	3.1	2.3	1.6	1.4	.8	[ ]

WIND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	5.0	5.5	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.0	5.5
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	5.5	5.5	4.0	4.5	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.0	5.5
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.5	4.0	5.0	[IM]	[IM]	[IM]	5.5	5.0	5.5	[IM]	[IM]	[IM]	[IM]	[IM]	5.0	5.5
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.0	4.5	4.5	[IM]	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	5.0
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	4.5	4.0	[IM]	[IM]	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	4.5
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	7.5	[IM]	7.0	5.0	5.0	6.0	9.5	8.0	5.5	7.0	11.0	15.0	8.0	7.0	10.0	8.5	8.0	15.0
7	11.0	10.0	6.5	5.5	4.5	4.5	6.0	5.5	5.5	5.5	7.0	7.5	7.0	7.5	11.5	11.5	9.5	13.5	12.0	11.5	10.5	9.5	8.0	7.5	8.5	13.5
8	4.5	6.0	6.5	6.0	4.5	4.5	6.5	5.5	6.5	5.0	4.5	7.0	7.5	6.5	5.5	6.5	5.5	5.0	[IM]	10.5	9.0	6.0	4.5	7.0	6.0	10.5
9	5.0	4.5	4.0	[IM]	8.0	7.0	9.0	12.0	8.0	9.0	8.5	6.0	8.0	9.0	8.0	6.5	5.0	[IM]	[IM]	[IM]	[IM]	6.5	7.5	[IM]	7.5	12.0
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	8.0	7.0	7.5	[IM]	5.5	6.5	8.5	8.5	15.5	17.0	11.5	9.0	12.0	9.0	9.5	17.0
11	12.5	12.0	15.0	14.5	13.5	13.5	12.5	13.0	10.0	6.5	8.0	6.5	8.0	9.5	10.5	10.0	12.0	10.5	10.0	10.0	8.5	6.5	[IM]	[IM]	10.5	15.0
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	6.0	6.0	6.0	6.5	8.5	5.5	[IM]	[IM]	[IM]	6.5	[IM]	[IM]	[IM]	[IM]	6.0	8.5
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.0	6.0	5.0	6.5	5.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.5	6.5
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	4.0	6.5	[IM]	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.0	6.5
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.0	4.0	5.5	5.0	4.0	4.5	[IM]	7.5	[IM]	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	5.0	7.5
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	6.5	5.5	6.0	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.5	6.5
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	7.0	6.0	4.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.5	7.0
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.5	6.0	4.5	7.0	7.5	6.0	6.0	6.0	8.0	9.5	10.5	9.5	8.5	8.5	7.5	10.5
19	8.0	4.5	[IM]	[IM]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	17.0	13.0	11.0	11.5	11.5	11.0	9.0	10.5	10.0	7.5	9.0	8.5	6.5	10.0	17.0
20	6.5	6.5	[IM]	10.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.0	6.0	5.0	5.0	5.0	5.5	[IM]	6.0	5.5	6.0	7.0	[IM]	[IM]	[IM]	6.0	10.0
21	[IM]	[IM]	4.0	5.5	3.5	[IM]	[IM]	[IM]	[IM]	5.0	4.5	5.0	5.5	5.5	4.5	4.5	4.0	[IM]	5.5	7.5	[IM]	[IM]	[IM]	[IM]	5.0	7.5
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.0	5.5	5.0	4.5	4.0	[IM]	5.0	[IM]	5.0	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	5.5
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	6.5	5.5	3.5	4.5	5.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	3.5	4.5	6.5
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.0	[IM]	[IM]	6.5	8.0	4.0	6.5	6.5	8.5	[IM]	4.5	6.0	8.5
25	10.5	9.5	17.0	16.5	17.0	11.5	12.0	11.5	12.5	10.5	10.5	16.5	17.0	12.5	12.0	8.0	9.0	8.5	7.5	8.0	9.0	6.5	6.5	3.5	11.0	17.0
26	[IM]	4.5	5.5	4.0	5.5	6.0	4.5	[IM]	5.5	[IM]	[IM]	6.5	14.0	12.5	13.5	11.5	6.5	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	7.5	14.0
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.5	5.5	6.0	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	5.5	[IM]	[IM]	[IM]	5.5	6.0
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	9.0	10.0	8.0	11.0	15.5	24.5	23.5	33.0	24.0	23.0	23.5	23.5	21.0	19.0	20.0	19.0	33.0
29	18.5	14.5	8.5	13.5	16.0	11.0	7.5	6.0	5.0	12.0	12.0	17.0	18.0	16.5	15.5	16.0	17.5	15.0	16.5	18.0	13.0	10.0	10.5	16.0	13.5	18.5
30	15.0	14.0	15.5	17.0	14.0	13.5	11.5	12.0	10.0	[IM]	7.5	10.5	13.5	11.5	12.5	8.0	11.5	16.0	17.0	17.0	14.5	9.0	9.0	6.5	12.5	17.0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	10.0	8.5	9.0	10.5	9.5	9.0	8.5	9.5	8.0	7.0	6.5	7.0	7.5	7.5	8.5	8.0	9.5	10.0	10.0	11.5	10.5	9.0	9.0	8.5	7.5	[ ]
SD	4.4	3.7	4.9	4.9	5.2	3.6	2.8	3.2	2.4	2.6	2.2	3.5	3.9	3.6	4.9	4.6	6.6	5.2	5.3	5.2	4.4	3.7	3.7	4.7	3.3	[ ]

WIND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.5	10.5	18.5	13.0	9.5	8.0	7.5	12.0	12.5	11.5	13.0	9.5	8.0	7.5	7.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10.5	18.5
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	3.0	3.5	3.0	3.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.5	3.5	[IM]	[IM]	3.0	[IM]	[IM]	3.0	3.5
4	3.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	6.0	5.5	[IM]	3.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	6.0
5	[IM]	[IM]	3.5	4.0	4.0	4.5	4.0	[IM]	[IM]	[IM]	5.0	7.0	4.5	5.0	[IM]	5.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.0	5.0	5.0	7.0
6	[IM]	7.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.5	7.0	5.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.0	6.0	7.5
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.0	[IM]	[IM]	5.0	[IM]	[IM]	[IM]	6.5	[IM]	[IM]	4.5	[IM]	[IM]	5.5	[IM]	[IM]	[IM]	5.5	6.5
8	[IM]	[IM]	[IM]	[IM]	[IM]	6.5	[IM]	[IM]	[IM]	[IM]	6.0	4.5	5.5	6.0	[IM]	6.0	[IM]	[IM]	[IM]	4.0	[IM]	[IM]	[IM]	[IM]	5.5	6.5
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.5	[IM]	[IM]	[IM]	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	[IM]	5.5	4.5	5.5
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.5	3.5
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.5	4.5	[IM]	[IM]	4.0	[IM]	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	5.5
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	7.5	10.0	15.5	15.5	17.5	20.5	16.5	17.0	14.0	10.5	8.0	7.5	5.5	13.0	20.5
13	8.0	13.5	11.5	6.5	5.5	5.0	4.0	[IM]	6.0	6.0	12.5	19.5	12.5	10.5	19.5	19.5	10.5	[IM]	12.5	7.0	11.5	9.0	[IM]	10.0	10.5	19.5
14	9.0	9.5	9.0	8.5	8.0	7.0	8.0	9.0	8.5	10.5	11.0	10.0	9.5	7.5	7.5	[IM]	[IM]	[IM]	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	8.5	11.0
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.5	[IM]	3.5	[IM]	[IM]	5.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.0	5.5
16	[IM]	5.5	[IM]	[IM]	[IM]	[IM]	4.5	4.5	3.5	[IM]	4.0	[IM]	[IM]	[IM]	3.5	[IM]	[IM]	[IM]	5.0	4.5	[IM]	[IM]	[IM]	3.5	4.5	5.5
17	4.0	[IM]	5.0	3.0	4.0	3.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.0	5.5
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[MT]	[MT]	[MT]	[IM]	[IM]	4.0	3.5	4.5	[IM]	[IM]	4.0	4.5
20	3.5	4.0	[IM]	3.5	4.0	3.5	3.5	3.5	3.5	3.5	4.5	4.5	5.0	4.0	4.5	5.0	4.0	3.5	3.5	4.5	3.5	4.0	3.5	3.5	4.0	5.0
21	4.0	4.0	4.0	4.0	4.0	5.0	3.5	4.0	4.0	4.0	4.5	5.0	5.0	4.5	[IM]	5.5	4.0	4.0	5.0	5.0	5.0	5.0	5.0	4.5	4.5	5.5
22	3.5	4.0	4.5	3.5	4.0	3.5	3.5	4.5	4.0	4.0	4.5	5.0	5.0	4.5	4.5	4.0	4.0	4.0	3.5	4.0	3.5	4.5	3.5	4.0	4.0	5.0
23	3.5	4.0	4.0	5.0	4.5	4.0	3.5	4.0	4.0	4.0	4.0	4.5	5.0	5.0	5.5	4.5	4.0	5.0	4.5	5.0	5.5	4.5	4.5	4.0	4.5	5.5
24	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	5.5	5.5	5.0	6.0	7.0	5.5	4.0	5.5	6.0	4.0	5.0	4.5	4.5	4.5	7.0
25	4.0	4.0	4.0	5.5	5.0	5.0	5.0	4.5	4.0	5.5	5.5	7.0	6.5	5.5	5.0	4.5	4.5	5.5	4.0	4.5	4.5	5.0	4.0	4.0	5.0	7.0
26	4.0	4.0	4.0	4.0	4.5	4.0	4.0	4.0	4.0	4.0	4.0	5.0	4.5	5.0	6.5	5.0	5.0	5.0	4.5	4.5	5.5	8.5	7.5	7.5	5.0	8.5
27	5.0	4.5	4.5	4.5	5.0	5.0	5.0	5.5	5.0	6.0	6.5	6.5	9.5	5.0	7.5	8.0	7.5	6.0	7.5	6.0	8.5	6.5	4.5	6.0	6.0	9.5
28	4.5	4.5	4.0	4.0	4.0	4.0	4.5	4.5	4.5	4.0	4.0	4.0	6.5	7.0	4.0	4.0	4.0	5.0	4.0	5.0	3.5	3.5	4.5	3.5	4.5	7.0
29	4.0	3.5	4.0	4.0	3.5	3.5	3.5	3.5	4.0	4.5	4.5	4.5	5.5	5.0	4.5	5.5	4.5	4.5	4.0	4.0	4.0	4.0	4.0	4.0	4.0	5.5
30	4.5	3.5	4.0	4.5	5.5	4.5	4.5	4.5	4.5	4.0	5.0	4.5	6.0	5.5	9.0	7.5	4.5	5.5	10.0	7.0	5.0	5.0	6.5	6.0	5.5	10.0
31	7.0	6.5	5.0	5.5	6.5	6.5	6.5	6.0	7.0	9.0	8.0	8.5	9.0	10.5	14.5	9.5	15.0	12.0	6.0	7.5	6.0	7.0	7.5	5.5	8.0	15.0
AV	5.0	5.5	6.0	5.0	5.0	5.0	4.5	5.0	5.0	5.5	6.0	6.5	6.5	6.5	7.0	7.5	6.5	6.0	6.0	5.5	5.5	5.5	5.0	5.0	5.5	[ ]
SD	1.6	2.8	3.9	2.3	1.6	1.3	1.4	2.1	2.3	2.5	2.8	3.5	2.2	2.6	4.1	4.5	4.6	3.8	3.6	2.4	2.4	1.7	1.4	1.6	2.3	[ ]

WIND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.0	6.5	8.0	8.5	9.5	9.0	8.5	8.5	4.5	5.0	5.0	4.0	4.5	5.5	6.0	8.5	4.0	3.5	4.0	3.5	4.0	4.0	4.0	4.0	5.5	9.5
2	3.5	3.5	4.0	5.0	4.0	4.0	3.5	4.0	4.0	4.0	4.0	4.0	4.5	4.5	4.0	5.0	7.5	6.0	5.5	5.0	4.5	7.0	5.5	3.5	4.5	7.5
3	4.5	4.5	5.0	4.5	4.5	4.5	3.5	4.5	3.5	4.0	4.0	4.0	5.0	5.0	4.0	4.5	4.0	3.5	3.5	3.5	4.0	4.5	5.0	5.5	4.5	5.5
4	4.5	4.0	3.5	3.5	4.0	4.0	4.0	4.0	5.0	5.5	4.5	5.5	6.0	5.0	4.5	4.0	4.5	4.0	3.5	4.5	4.0	4.5	4.5	3.0	4.5	6.0
5	4.0	4.0	4.5	4.5	4.5	5.5	5.0	4.5	5.0	4.0	4.0	4.5	5.0	4.0	6.0	4.0	5.0	4.5	4.5	5.0	9.5	7.0	5.5	5.0	5.0	9.5
6	4.5	5.0	4.5	4.5	6.0	6.0	7.0	4.5	3.5	5.0	[PF]	4.0	8.5	9.0	6.5	6.5	8.5	4.0	4.5	4.5	4.5	4.5	4.0	4.0	5.5	9.0
7	4.0	4.5	4.5	3.5	3.5	4.5	5.0	4.5	4.5	4.0	4.0	5.0	4.0	4.0	4.0	4.0	4.0	3.5	5.0	4.0	4.0	4.5	4.0	4.5	4.0	5.0
8	4.5	4.5	3.5	3.5	4.0	4.0	3.5	4.0	4.0	4.5	4.5	4.0	4.5	6.5	5.0	5.0	3.5	10.0	4.5	4.0	4.0	4.0	4.0	5.0	4.5	10.0
9	4.5	3.5	3.5	4.5	4.0	4.0	3.5	4.5	3.5	4.0	4.0	4.0	5.0	4.0	5.5	6.0	5.0	4.0	4.0	5.0	4.0	4.5	4.0	4.0	4.5	6.0
10	4.0	4.5	5.0	4.0	5.5	5.5	4.5	4.5	5.0	4.0	4.0	4.0	5.5	9.0	9.0	8.5	11.5	10.0	4.5	4.5	4.5	5.5	4.5	4.5	5.5	11.5
11	4.5	4.5	5.0	4.5	3.5	4.0	4.0	4.5	4.0	3.5	3.5	4.0	5.5	6.0	5.0	4.0	4.0	4.0	3.5	3.5	4.5	4.0	3.5	3.5	4.0	6.0
12	3.5	5.5	4.5	6.5	5.0	6.5	5.0	5.0	4.0	4.5	4.5	5.5	6.0	6.0	6.0	6.0	10.5	14.0	14.5	13.5	14.0	11.5	9.5	12.0	7.5	14.5
13	16.5	20.0	18.0	14.5	10.0	9.0	5.0	5.0	3.5	4.0	3.5	3.5	4.0	5.5	5.0	3.5	4.0	4.5	5.5	5.0	4.0	4.0	4.0	4.5	7.0	20.0
14	4.5	3.5	4.0	3.5	3.5	4.5	5.0	4.5	4.0	4.0	4.0	4.5	4.5	6.0	4.5	4.5	5.5	5.0	5.0	5.0	5.5	4.5	5.0	5.5	4.5	6.0
15	3.5	4.5	4.5	5.0	4.5	5.5	4.5	4.5	5.5	5.5	5.5	5.0	5.0	5.5	5.5	4.0	4.5	6.0	5.0	6.0	6.5	5.0	6.5	5.0	5.0	6.5
16	6.5	4.5	4.0	4.5	4.5	3.5	3.5	3.5	4.5	5.0	4.0	4.0	5.0	4.0	3.5	3.5	4.5	5.0	4.0	3.5	3.5	4.0	3.5	4.5	4.0	6.5
17	4.0	3.5	3.5	4.0	3.5	4.0	4.0	4.5	3.5	4.0	4.0	4.0	5.0	5.0	4.5	4.5	4.5	4.5	4.5	3.5	4.5	3.5	4.0	4.0	4.0	5.0
18	4.0	4.5	4.0	3.5	3.5	4.0	4.5	5.0	4.0	4.0	4.5	4.5	4.5	4.5	5.0	4.0	10.5	6.5	5.5	4.5	4.0	4.5	4.0	4.5	4.5	10.5
19	5.0	7.0	5.5	4.0	3.5	7.5	5.5	4.0	3.5	3.5	3.0	4.0	4.5	6.5	6.5	7.5	5.5	7.0	4.5	4.0	4.0	3.5	4.0	4.0	5.0	7.5
20	4.0	3.5	4.0	3.5	3.5	4.5	4.5	6.5	4.0	3.5	3.5	4.0	4.0	4.0	5.0	4.5	4.0	3.0	4.0	5.0	3.5	4.0	3.5	4.0	4.0	6.5
21	4.0	3.5	4.0	4.5	3.0	3.5	3.5	3.0	3.0	3.5	4.0	4.5	4.5	4.0	4.5	5.0	4.5	4.0	3.5	3.5	3.0	4.0	4.5	3.5	4.0	5.0
22	3.0	4.0	4.0	3.5	3.5	3.0	3.0	3.5	3.0	3.5	3.5	4.0	5.5	5.5	4.5	5.5	5.5	5.0	4.5	4.0	4.0	4.0	4.5	5.0	4.0	5.5
23	4.5	4.0	4.0	4.5	4.0	3.5	4.5	4.0	4.0	5.5	6.0	5.0	5.0	5.0	4.5	5.0	5.0	5.0	5.0	4.5	4.0	5.0	6.5	4.5	4.5	6.5
24	4.5	4.0	4.5	5.5	4.5	4.0	4.0	5.5	5.5	6.5	7.0	7.0	5.5	5.0	4.5	5.5	6.0	5.0	5.5	6.5	12.5	13.0	9.5	5.0	6.0	13.0
25	8.0	6.0	3.5	4.5	3.5	3.5	3.5	3.0	3.5	3.0	4.0	4.0	7.5	8.0	8.0	12.0	8.5	6.5	4.5	5.0	3.5	3.0	3.0	3.0	5.0	12.0
26	4.0	3.0	4.0	4.5	4.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5	6.0	5.5	6.5	5.5	4.5	6.5	4.5	5.0	5.0	4.5	5.0	4.5	5.0	6.5
27	4.0	3.5	4.0	4.5	5.0	5.0	4.0	4.5	5.5	4.5	4.5	5.0	4.5	4.5	4.5	6.5	7.5	5.0	4.5	4.0	4.0	4.0	3.5	5.5	4.5	7.5
28	6.0	5.0	5.5	4.5	4.5	5.5	4.5	5.0	5.0	5.0	5.5	6.5	6.0	4.5	4.0	5.0	5.0	5.0	6.0	4.5	4.0	4.5	4.5	4.5	5.0	6.5
29	4.0	4.5	3.5	4.5	3.0	4.0	4.0	4.0	4.0	4.5	5.0	4.0	4.0	6.0	6.0	5.5	4.5	4.5	4.5	3.5	4.0	4.0	4.0	5.0	4.5	6.0
30	4.0	3.5	3.5	4.0	4.5	4.5	4.5	4.5	4.5	5.0	6.5	5.0	4.0	4.5	6.0	5.0	4.5	5.5	7.0	17.0	16.0	11.0	8.5	5.5	6.0	17.0
31	7.5	7.5	5.0	4.0	4.0	4.0	3.0	4.0	4.0	4.5	4.5	5.0	6.5	5.5	4.0	4.5	6.0	6.0	4.5	5.5	4.5	4.5	4.0	4.0	5.0	7.5
AV	5.0	5.0	5.0	5.0	4.5	5.0	4.5	4.5	4.0	4.5	4.5	4.5	5.0	5.5	5.0	5.5	5.5	5.5	5.0	5.0	5.5	5.0	5.0	4.5	5.0	[ ]
SD	2.4	2.9	2.6	2.0	1.5	1.5	1.1	1.0	.7	.8	.9	.8	1.0	1.3	1.2	1.7	2.1	2.2	1.9	2.8	3.1	2.3	1.6	1.5	.9	[ ]

IND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

NOVEMBER,1975

AEROVIRONMENT INC.

```
**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 11 APR 76   *
*                    *
**********************
*                    *
*     SUBJECT TO     *
*      REVISION      *
*                    *
**********************
```

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	175	140	270	120	240	155	205	105	60	30	20	15	5	15	30	345	320	185	185	170	250	190	220	155	9	
2	150	170	220	320	155	55	130	55	105	10	20	15	5	25	25	355	260	175	190	175	165	175	235	175	[VA]	
3	245	220	165	205	205	190	0	180	80	45	20	35	10	350	20	340	265	200	205	150	205	205	0	145	10	
4	150	105	155	90	240	145	190	110	75	20	25	25	35	25	345	335	300	180	200	250	170	165	165	155	8	
5	150	70	185	100	285	145	35	5	40	20	25	10	15	340	30	315	235	175	180	215	180	105	50	165	2	
6	35	185	190	15	240	30	150	185	295	15	10	330	25	290	305	290	230	180	195	200	240	220	195	215	9	
7	195	210	285	45	310	100	310	340	25	20	20	350	355	340	300	270	310	325	295	300	260	260	255	240	14	
8	190	23	35	180	340	315	30	15	355	0	305	305	25	265	345	45	75	10	225	305	15	20	225	200	2	
9	325	165	320	150	90	120	105	165	95	320	275	215	290	290	205	290	340	180	190	155	50	45	80	15	14	
10	30	25	10	25	10	0	15	25	35	45	90	355	290	265	335	315	100	350	285	275	185	215	285	330	[VA]	
11	165	165	205	200	180	190	170	175	135	55	20	5	305	260	275	275	290	270	240	255	280	0	10	0	[VA]	
12	0	0	5	340	235	235	230	230	235	235	50	40	40	5	340	0	315	215	230	235	45	0	0	5	1	
13	0	0	345	235	235	235	235	235	235	235	15	40	325	315	15	10	180	190	165	195	200	25	0	5	[VA]	
14	10	345	235	235	235	230	235	230	235	235	30	355	25	10	20	310	245	200	180	265	105	190	350	75	11	
15	30	80	15	10	10	10	5	335	345	45	60	20	355	5	330	35	355	160	220	170	175	100	110	195	1	
16	5	5	10	0	5	5	5	5	0	20	15	15	340	340	5	330	200	185	155	180	90	260	65	130	1	
17	240	300	250	5	25	15	5	10	20	25	30	20	335	20	25	100	175	185	255	175	85	210	200	190	2	
18	105	85	25	0	10	10	0	0	10	10	270	260	300	350	330	300	245	260	150	160	85	50	55	65	1	
19	90	350	335	140	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	5	25	45	35	40	50	50	60	70	85	75	70	100	4	
20	135	150	115	225	200	280	110	245	25	30	30	15	70	15	15	345	25	140	225	250	190	210	245	220	[VA]	
21	90	25	20	40	320	150	220	230	255	290	335	355	245	100	20	165	165	180	205	190	290	135	145	120	8	
22	70	200	55	205	150	170	180	145	30	30	25	25	45	340	180	40	260	190	195	195	60	200	100	215	[VA]	
23	155	110	260	205	225	240	215	80	225	15	165	355	45	355	0	10	210	195	205	185	220	175	225	205	10	
24	153	30	195	160	90	165	0	105	320	45	0	65	5	25	20	20	250	215	220	180	250	25	215	240	2	
25	260	290	290	355	345	335	355	55	45	35	25	25	20	35	35	95	110	155	150	205	195	170	355	35	2	
26	145	20	355	90	40	10	30	95	55	210	15	335	195	175	185	210	330	50	260	230	185	255	185	200	10	
27	175	125	125	90	70	320	135	85	205	265	20	10	355	20	0	30	35	290	215	235	260	85	120	55	5	
28	35	210	270	25	85	5	40	25	310	270	210	145	300	205	190	185	195	195	190	195	190	190	190	195	[VA]	
29	200	200	225	200	195	185	200	175	250	290	265	280	290	265	280	265	275	275	270	275	260	245	175	180	13	
30	190	180	180	185	180	180	175	185	195	195	340	215	200	210	245	265	195	195	195	195	195	200	210	235	10	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	[VA]	2	1	10	11	1	1	9	3	2	2	2	2	1	2	16	13	[VA]	10	10	9	10	11	10	2	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	240	190	195	195	195	245	170	190	220	175	175	190	230	250	300	270	220	345	195	195	295	190	285	50	10	
2	130	260	155	165	115	200	35	235	150	75	15	35	15	30	5	305	205	175	190	170	180	180	175	25	9	
3	145	195	20	120	175	130	95	145	85	45	25	15	30	20	25	75	185	160	190	190	170	150	160	105	9	
4	145	160	40	100	175	40	215	310	135	60	30	5	15	20	10	335	215	150	225	45	90	130	185	85	7	
5	50	60	235	65	160	250	280	220	235	20	25	355	20	25	35	255	155	170	220	5	280	130	220	15	2	
6	225	10	160	210	260	140	220	135	160	355	350	15	5	355	10	15	195	185	185	180	155	200	200	110	10	
7	200	195	155	300	140	110	165	70	80	100	15	10	40	350	355	15	175	180	220	225	190	105	245	140	9	
8	200	315	170	205	240	195	175	265	145	90	245	10	25	15	350	245	105	195	25	145	220	180	190	245	10	
9	180	235	175	75	20	165	135	145	95	330	50	25	40	20	0	355	115	235	40	220	155	110	100	120	6	
10	190	195	160	325	85	345	105	250	220	225	55	25	40	60	25	15	120	315	190	265	130	310	330	310	15	
11	215	140	65	145	100	45	45	115	350	30	0	25	55	25	345	295	340	50	295	335	180	50	20	305	2	
12	305	55	45	70	30	345	235	355	55	25	345	260	180	185	195	195	200	200	195	190	190	195	180	180	10	
13	175	190	190	35	185	115	325	185	65	180	205	195	210	245	180	190	205	80	270	245	330	0	340	345	[VA]	
14	10	345	345	20	25	45	90	75	90	100	100	105	100	100	95	35	180	210	210	195	85	165	170	165	5	
15	280	260	145	155	130	100	85	170	190	0	90	65	15	0	20	220	195	205	195	250	160	165	0	245	8	
16	150	95	195	225	170	120	175	170	95	85	25	280	10	0	20	70	55	75	195	265	240	15	120	145	5	
17	140	80	240	160	170	45	165	115	70	75	0	35	20	25	355	215	245	155	195	180	115	165	150	80	8	
18	30	125	135	90	125	95	50	125	95	80	30	70	25	20	35	280	170	195	180	150	205	205	170	150	7	
19	105	155	155	120	140	125	125	105	100	95	260	30	0	15	[MT]	[MT]	[MT]	185	165	140	215	120	350	130	7	
20	160	105	195	145	130	170	135	155	120	65	35	350	35	330	240	0	120	110	165	195	180	75	155	175	8	
21	90	140	280	100	195	300	200	305	305	60	15	30	10	220	300	340	145	190	235	330	245	200	225	135	[VA]	
22	200	215	90	145	25	145	190	70	135	60	330	20	25	40	20	15	180	180	170	155	185	235	165	70	9	
23	95	55	195	160	55	245	210	200	10	30	55	65	15	20	50	15	150	160	130	225	215	100	180	210	3	
24	235	175	155	100	120	185	85	75	195	60	40	20	10	270	295	325	20	315	15	15	35	245	5	190	2	
25	180	120	140	5	150	23	160	350	195	290	45	20	5	10	30	5	240	325	160	295	125	120	120	5	1	
26	80	185	255	95	110	205	95	190	130	60	20	30	30	340	30	5	35	340	55	5	65	235	295	230	2	
27	265	135	195	10	125	140	160	215	255	325	270	230	310	355	270	295	290	310	35	235	205	215	215	130	11	
28	235	45	235	120	235	80	180	240	125	235	60	5	335	345	25	270	195	195	180	195	135	215	205	175	10	
29	95	130	170	45	195	105	95	100	170	35	30	25	10	260	345	15	180	215	190	160	160	195	160	180	9	
30	110	150	115	210	50	175	40	270	235	60	30	15	15	20	270	205	30	305	205	280	40	5	60	50	3	
31	5	30	10	30	0	350	300	275	260	255	260	285	300	320	345	355	0	35	45	10	345	25	25	20	[VA]	
PV	9	[VA]	8	5	7	6	9	7	5	4	2	2	2	1	[VA]	1	[VA]	9	10	9	8	10	9	7	9	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	170	80	125	125	125	135	135	150	245	260	335	[VA]	355	15	350	10	10	165	170	165	210	170	185	160	[VA]	
2	190	180	45	320	255	220	225	195	210	310	215	325	0	30	355	215	230	195	15	245	125	245	150	190	11	
3	165	205	120	95	345	160	70	70	180	35	50	15	15	40	10	260	25	160	140	195	55	30	240	235	3	
4	0	40	95	175	260	185	340	295	35	195	55	355	15	20	25	0	215	205	170	215	190	60	65	155	[VA]	
5	155	245	35	215	60	200	50	305	35	20	105	355	20	30	5	100	35	30	35	270	245	180	25	180	2	
6	200	15	215	130	210	220	145	110	245	240	[PF]	165	280	355	245	225	205	20	220	105	220	60	195	25	11	
7	260	200	55	155	125	180	125	135	85	70	110	35	315	20	15	55	310	205	300	190	125	100	335	155	7	
8	110	15	240	175	140	65	150	20	30	20	20	25	30	15	355	5	180	175	170	195	165	230	95	120	2	
9	340	175	165	170	120	20	165	65	185	30	40	10	25	35	5	30	300	10	200	340	65	135	195	225	2	
10	350	70	25	180	220	270	80	250	220	90	15	5	225	275	250	210	195	215	60	190	180	280	115	85	11	
11	270	195	230	300	180	220	260	310	300	[VA]	20	50	15	310	300	305	320	195	180	275	190	225	355	15	14	
12	15	245	40	265	165	220	335	255	255	5	20	70	275	25	60	275	240	240	250	270	275	255	225	295	12	
13	260	275	280	260	235	250	205	165	130	40	30	35	40	15	340	330	175	175	210	195	175	150	230	90	10	
14	270	160	40	200	155	140	45	190	65	130	140	45	25	10	345	350	220	180	270	205	200	25	225	190	[VA]	
15	185	240	10	200	110	140	270	285	285	250	265	35	5	320	350	45	240	250	200	270	200	185	250	235	13	
16	255	215	155	95	160	210	255	165	340	240	20	30	25	30	30	290	35	185	55	210	180	60	185	100	2	
17	195	105	35	170	165	140	210	90	95	105	55	10	5	0	260	5	190	190	195	175	170	115	155	105	9	
18	145	100	140	155	20	45	135	45	225	220	30	45	65	15	310	10	0	215	45	175	200	190	185	270	3	
19	160	130	10	185	195	195	205	50	175	60	20	0	5	0	350	345	260	210	185	175	240	195	165	155	10	
20	200	85	35	115	145	125	195	25	165	45	35	25	45	25	20	355	195	170	185	200	145	80	165	210	3	
21	15	180	90	65	170	95	165	145	85	155	355	30	30	50	25	255	205	180	165	165	170	150	180	175	[VA]	
22	160	155	150	125	145	120	150	110	150	100	15	20	25	25	30	255	225	170	200	190	175	180	195	90	8	
23	115	115	185	30	175	185	210	195	70	25	30	120	345	0	40	30	70	0	220	130	215	245	190	260	2	
24	185	185	250	175	65	255	50	195	295	290	45	5	5	40	350	295	250	205	225	260	235	245	240	185	12	
25	240	355	355	55	145	200	55	225	75	190	30	35	285	0	20	5	285	220	215	210	180	95	350	185	1	
26	175	180	115	155	195	155	160	165	235	50	345	355	355	300	245	260	10	0	175	265	35	100	205	85	8	
27	200	170	140	10	210	225	185	70	170	70	40	50	35	35	30	295	245	290	55	165	145	150	225	210	[VA]	
28	70	280	200	195	220	5	150	245	355	340	280	310	25	75	5	20	35	145	180	350	170	260	5	215	1	
29	0	205	285	0	130	270	270	210	300	330	340	45	10	355	20	350	45	175	185	170	165	210	290	190	[VA]	
30	105	155	75	170	185	305	60	165	20	250	20	325	15	345	20	325	190	230	95	75	75	85	110	200	4	
31	235	210	160	170	135	155	220	220	65	140	25	10	315	15	20	350	315	235	185	180	190	195	145	210	9	
PV	3	9	3	9	7	11	8	8	9	3	2	3	2	2	1	1	11	10	10	9	10	9	9	9	9	

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	335	0	15	20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2	
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4	20	15	40	25	5	4	[IM]	4	4	[IM]	[IM]	4	[IM]	2	
3	[IM]	[IM]	[IM]	[IM]	4	[IM]	4	4	[IM]	[IM]	5	30	20	355	20	345	290	4	265	75	250	260	345	115	1	
4	340	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	30	30	25	35	25	345	345	330	195	235	345	0	4	4	[IM]	[VA]	
5	[IM]	[IM]	[IM]	4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	25	15	20	10	40	320	[IM]	4	240	265	200	25	25	290	2	
6	35	205	355	45	100	65	30	85	160	50	25	0	20	295	310	295	290	190	200	205	255	240	200	215	10	
7	205	215	220	50	340	35	295	255	320	355	25	0	350	345	280	275	315	330	305	300	265	265	260	245	[VA]	
8	200	30	40	130	305	340	35	15	5	5	325	305	30	270	340	50	80	30	355	320	20	25	190	210	2	
9	200	55	335	150	100	155	185	200	175	215	275	220	265	290	295	300	5	170	175	325	15	0	30	35	9	
10	15	330	0	120	200	[IM]	[IM]	170	285	25	335	345	290	270	330	325	100	355	290	280	200	225	290	305	[VA]	
11	280	285	275	270	270	270	275	285	10	355	5	25	305	265	280	280	290	280	250	260	280	[IM]	[IM]	[IM]	[VA]	
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	30	30	40	20	10	345	[IM]	[IM]	[IM]	[IM]	5	[IM]	[IM]	[IM]	[IM]	[VA]	
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3	25	25	340	320	15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2	
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	50	10	15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4	[IM]	[IM]	1	
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5	25	355	5	350	[IM]	6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	20	325	340	10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	16	
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	340	25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	275	265	300	355	330	300	250	270	160	160	90	55	60	60	13	
19	90	[IM]	[IM]	[IM]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	35	50	45	40	45	50	50	65	70	85	80	75	100	3	
20	145	145	[IM]	11	6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	15	60	30	20	350	[IM]	7	5	[IM]	7	[IM]	[IM]	[IM]	[VA]	
21	[IM]	[IM]	4	4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	350	260	90	[IM]	[IM]	3	[IM]	[IM]	5	[IM]	[IM]	[IM]	[IM]	1	
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	30	25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2	
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	6	355	40	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	1	
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	355	[IM]	[IM]	5	6	[IM]	7	7	5	4	265	1	
25	290	295	295	0	350	335	0	60	45	35	30	25	25	35	40	90	110	145	150	200	200	220	275	4	[VA]	
26	[IM]	335	335	350	5	0	5	3	3	[IM]	[IM]	315	200	185	190	215	320	4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	16	
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	20	5	355	10	[IM]	[IM]	[IM]	[IM]	[IM]	250	270	[IM]	[IM]	[IM]	1	
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	270	215	150	300	215	200	195	200	200	200	200	195	200	195	205	[VA]	
29	205	205	225	210	205	195	15	6	265	295	270	285	295	295	285	270	280	280	275	280	265	245	190	190	13	
30	195	195	195	190	190	190	190	195	225	[IM]	6	225	215	220	250	280	205	200	200	200	205	205	220	245	10	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	10	10	[VA]	1	1	16	1	1	1	2	1	2	2	2	2	14	[VA]	1	10	1	13	1	1	[VA]	2	

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	230	200	200	200	200	185	170	195	230	195	185	200	240	260	300	275	255	35	245	210	320	285	245	345	10	
2	140	245	270	275	220	250	15	230	20	110	45	45	15	30	10	300	235	260	215	355	225	95	270	25	2	
3	75	320	5	80	50	25	20	325	55	80	45	15	30	15	25	80	160	210	215	340	230	200	70	30	2	
4	0	5	55	20	100	40	55	20	140	85	25	15	10	20	10	350	245	180	285	60	40	80	65	10	2	
5	70	70	80	35	180	35	280	270	300	30	20	350	25	20	20	260	255	130	185	345	355	130	215	20	2	
6	235	0	150	25	210	80	185	40	355	45	40	30	0	0	10	0	215	165	145	225	180	85	215	55	1	
7	200	225	345	335	140	15	180	350	5	210	55	30	40	95	0	5	240	205	50	240	190	340	25	75	1	
8	205	325	120	195	255	165	155	325	140	110	255	350	25	15	350	245	80	220	10	185	240	185	155	300	8	
9	220	315	5	320	350	140	120	140	100	335	60	15	45	0	10	65	105	315	50	230	100	105	145	135	7	
10	205	210	185	300	105	295	50	280	255	275	0	35	25	35	35	0	130	315	190	275	145	310	330	290	14	
11	225	205	60	150	95	50	55	60	355	25	40	25	85	15	0	300	345	60	295	345	195	40	350	330	3	
12	305	45	50	90	35	340	250	350	55	25	345	190	185	195	205	200	205	205	200	200	195	205	190	185	10	
13	180	200	200	170	220	225	175	195	245	30	210	200	215	250	190	200	215	65	275	255	330	5	335	350	10	
14	15	350	355	30	30	50	90	80	90	105	105	105	100	100	95	60	190	200	290	265	320	315	210	130	[VA]	
15	315	315	355	90	80	15	355	235	55	340	155	325	15	45	25	205	225	245	225	40	70	330	35	255	3	
16	145	40	355	265	280	215	65	315	5	345	50	95	265	345	115	50	35	60	335	280	305	320	5	0	3	
17	290	35	245	115	325	30	5	305	350	105	335	0	5	25	325	190	260	15	205	190	355	85	330	20	1	
18	45	45	45	40	40	40	40	40	45	45	45	45	45	60	40	250	210	160	240	15	220	255	100	145	3	
19	20	50	25	30	355	205	180	25	95	125	90	340	0	345	[MT]	[MT]	[MT]	200	195	105	185	60	20	330	2	
20	305	40	145	80	65	245	50	55	50	80	55	10	40	340	255	5	95	55	145	225	320	25	100	35	3	
21	20	5	55	45	350	105	290	70	350	60	10	30	15	195	280	350	120	210	270	350	265	195	260	150	1	
22	335	50	10	45	50	230	265	340	5	90	300	20	30	30	20	355	165	220	210	60	145	10	155	65	2	
23	325	45	120	255	0	330	125	260	240	30	5	20	25	10	65	20	255	175	295	295	230	5	165	5	[VA]	
24	10	345	230	30	260	130	185	5	290	315	15	25	10	285	310	335	15	270	20	20	30	255	25	225	1	
25	230	90	110	350	160	5	170	355	170	320	60	20	10	10	40	20	265	310	205	310	115	120	80	20	1	
26	60	115	250	80	25	60	50	190	350	120	15	35	40	350	35	355	25	330	50	105	75	250	315	245	3	
27	15	145	235	25	60	85	165	235	0	30	275	245	320	0	245	315	305	0	40	335	220	220	290	345	[VA]	
28	155	60	330	215	50	350	30	285	355	80	95	25	325	355	35	300	210	170	120	0	50	215	345	330	1	
29	70	30	190	0	150	355	45	5	85	35	335	30	5	265	0	25	175	225	155	5	135	25	260	110	2	
30	90	85	85	320	55	165	0	345	220	90	45	35	20	25	285	215	40	265	220	275	50	20	80	65	3	
31	20	40	25	35	10	355	305	290	270	270	270	295	310	335	355	0	10	45	50	25	0	35	30	35	1	
PV	[VA]	3	1	2	3	2	3	1	1	5	2	2	2	1	1	1	11	10	10	16	11	5	16	2	1	

WIND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	165	85	125	125	130	135	130	140	220	220	315	180	15	30	355	15	50	5	165	265	350	15	335	225	[VA]	
2	150	45	40	270	265	240	230	280	185	285	245	165	15	5	10	230	250	195	355	270	315	260	140	200	12	
3	255	260	45	35	20	355	85	25	195	60	50	90	25	30	10	285	25	125	110	205	75	20	245	240	2	
4	15	45	33	170	220	225	53	310	55	240	60	350	10	25	35	315	235	70	120	245	150	50	45	10	3	
5	45	255	35	35	330	215	65	5	0	30	110	20	15	35	10	110	45	5	225	270	255	195	30	195	2	
6	210	310	110	165	225	250	50	330	265	215	[PF]	215	275	0	260	235	220	5	260	350	120	350	120	310	11	
7	340	330	340	0	330	325	15	35	20	230	315	15	340	25	20	40	20	255	340	20	60	130	50	225	2	
8	25	20	130	245	185	10	250	45	45	15	30	25	35	10	355	20	335	265	245	5	60	225	45	10	2	
9	10	235	295	320	335	80	353	33	210	15	60	170	15	45	20	35	280	65	195	25	110	105	240	240	[VA]	
10	330	10	20	135	225	230	330	160	220	25	05	230	260	285	260	220	210	225	0	140	195	300	255	10	11	
11	205	40	310	340	65	60	10	265	45	100	30	5	330	315	300	305	300	70	180	310	235	270	20	45	15	
12	235	215	315	265	205	240	310	305	275	0	335	165	305	25	70	295	265	250	260	280	265	270	235	295	13	
13	275	285	290	270	250	260	130	285	215	40	70	60	45	10	355	0	215	175	255	290	35	95	0	5	14	
14	335	75	20	260	45	35	20	275	35	305	145	240	5	15	350	10	280	125	0	195	245	20	175	200	2	
15	250	205	55	305	315	20	110	305	295	280	305	45	15	320	5	50	220	310	200	275	295	230	330	285	14	
16	245	200	30	125	45	235	255	300	285	255	30	5	20	15	35	305	20	240	50	210	15	5	195	30	2	
17	305	120	0	80	40	10	25	80	100	145	105	355	15	5	275	5	200	200	210	165	195	75	135	55	1	
18	110	10	60	40	40	25	135	345	90	260	5	55	50	25	310	15	10	215	170	95	210	205	290	270	2	
19	135	130	70	195	250	230	225	0	90	60	45	60	305	5	355	355	290	230	205	250	345	325	145	10	11	
20	200	65	30	10	95	150	240	355	10	100	100	50	15	30	25	0	255	205	230	230	285	5	80	45	1	
21	355	260	60	310	135	45	105	30	350	155	5	55	35	45	25	290	260	245	275	205	330	345	300	250	[VA]	
22	45	35	20	215	35	15	335	35	90	175	340	40	30	35	25	270	245	45	325	50	195	20	215	40	[VA]	
23	80	295	110	10	295	310	130	300	145	70	25	170	340	5	30	40	80	0	265	120	110	240	210	320	6	
24	350	215	255	180	70	165	0	195	300	270	45	0	20	45	0	305	265	240	260	275	250	260	255	130	[VA]	
25	255	335	340	335	290	255	270	270	235	295	50	80	295	10	20	15	300	235	120	285	265	40	30	260	13	
26	295	335	15	330	355	285	0	320	345	180	325	355	15	305	255	260	70	0	125	205	95	60	180	355	16	
27	330	250	60	20	255	115	225	10	50	85	30	75	35	35	30	305	255	270	65	160	125	85	280	70	5	
28	265	305	230	300	225	350	80	300	45	5	280	320	30	60	15	25	20	130	175	335	220	340	20	180	2	
29	355	280	20	50	115	330	135	170	205	335	20	25	215	0	30	355	35	160	300	205	125	60	340	245	2	
30	250	50	75	335	140	15	95	220	60	250	50	305	15	0	15	290	10	85	45	80	85	105	115	15	2	
31	270	250	210	195	20	205	25	345	105	190	85	340	325	25	350	345	325	260	300	185	155	325	335	290	15	
PV	1	3	3	16	3	[VA]	2	[VA]	3	13	3	3	2	2	2	1	12	12	[VA]	13	10	2	12	[VA]	2	

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	345	245	355	345	300	325	255	50	85	65	40	30	10	25	30	0	5	150	195	315	275	40	265	55	1	
2	315	240	265	[VA]	330	30	30	265	300	15	45	30	25	45	30	20	0	315	280	310	345	320	315	345	2	
3	325	265	350	265	350	345	0	330	325	245	30	50	35	20	45	0	315	280	275	320	280	30	10	235	1	
4	340	85	20	75	15	10	180	165	40	60	55	35	45	30	10	0	355	230	270	355	350	280	5	10	1	
5	325	15	180	65	15	355	330	80	120	25	30	25	30	340	30	325	315	190	205	270	250	40	60	295	2	
6	20	300	130	70	205	85	45	355	270	60	25	15	30	310	325	315	255	195	210	215	235	255	210	215	2	
7	215	220	215	325	330	320	260	220	265	355	30	10	15	350	290	290	330	335	315	310	275	285	275	265	15	
8	185	300	65	165	0	10	45	30	25	30	15	270	45	275	350	60	90	40	20	345	30	45	265	225	2	
9	240	355	15	30	115	165	200	210	165	315	295	225	300	300	310	325	15	45	180	245	310	230	165	60	[VA]	
10	25	345	225	305	320	190	325	320	300	40	335	355	300	275	330	340	210	350	300	290	215	240	300	310	15	
11	295	290	290	280	285	280	280	290	20	335	5	40	310	280	295	295	310	290	260	275	295	330	270	255	14	
12	75	350	315	325	310	295	190	25	50	35	40	45	50	20	350	15	355	340	315	270	230	45	325	310	3	
13	0	355	50	5	335	40	55	85	310	40	40	35	355	335	20	30	40	310	200	300	0	300	45	355	[VA]	
14	110	80	80	150	20	25	10	70	45	55	30	35	40	25	55	335	275	260	215	320	300	170	285	20	[VA]	
15	315	300	270	10	245	[VA]	25	225	250	350	50	45	15	30	5	45	5	50	245	290	270	50	10	310	[VA]	
16	330	75	220	15	60	245	60	270	65	50	30	15	0	350	0	280	205	300	20	305	270	20	340	340	2	
17	345	350	95	20	70	310	40	325	320	25	45	30	350	45	15	120	15	[VA]	345	270	80	315	245	350	2	
18	225	75	45	5	325	230	350	325	25	330	315	265	315	20	355	310	270	265	200	190	215	80	70	75	15	
19	90	25	270	140	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	35	60	60	55	55	60	70	75	85	90	95	85	105	4	
20	130	145	105	255	210	310	125	220	30	25	45	30	40	40	40	0	40	135	245	265	220	215	320	40	3	
21	270	240	55	50	265	0	270	270	275	300	325	20	260	330	25	255	175	195	215	220	345	225	330	20	13	
22	10	125	355	75	55	15	320	350	15	65	45	35	20	355	245	45	295	270	245	210	315	345	310	330	[VA]	
23	335	355	265	215	255	290	240	50	145	10	285	0	55	20	20	30	255	300	190	330	45	265	85	325	[VA]	
24	345	355	200	295	215	315	310	235	325	310	330	40	5	355	340	225	200	210	225	300	[VA]	300	295	315	15	
25	305	15	0	355	20	75	60	50	40	35	45	50	85	120	150	160	210	210	250	265	20	90	100	55	3	
26	350	300	305	320	315	325	15	25	25	355	15	270	210	200	210	225	315	320	355	270	25	350	285	305	[VA]	
27	325	145	315	190	25	300	0	330	245	290	30	20	10	20	20	30	35	300	40	70	85	60	45	45	[VA]	
28	40	140	300	350	100	45	55	80	335	285	215	185	295	225	215	215	215	215	215	210	215	210	215	350	11	
29	220	220	240	220	215	205	265	210	285	305	280	300	305	305	300	285	290	295	295	270	260	200	210	265	14	
30	210	210	210	210	210	205	205	200	260	280	275	235	230	235	255	285	230	215	220	220	220	235	255	105	11	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	16	1	13	1	15	15	3	11	2	[VA]	2	2	2	[VA]	2	2	1	14	11	13	13	[VA]	14	15	2	

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	230	215	215	210	205	210	215	205	210	200	200	210	235	275	305	305	285	35	270	195	310	300	190	320	10	
2	300	290	295	275	280	270	[VA]	240	350	170	240	50	30	35	20	305	255	285	225	315	345	55	315	0	14	
3	355	345	230	340	40	100	285	150	0	150	15	15	30	25	30	45	235	195	250	60	290	60	100	50	[VA]	
4	45	35	65	40	75	90	340	[VA]	[VA]	270	0	15	30	35	25	10	270	235	285	30	290	270	300	295	3	
5	80	235	335	330	240	180	240	345	35	200	30	0	300	20	45	270	265	355	270	350	15	355	330	20	2	
6	250	285	245	320	290	255	255	355	325	5	35	45	20	15	15	355	240	190	300	275	305	160	250	75	12	
7	190	245	330	70	300	105	225	285	315	210	350	350	35	45	10	15	235	225	320	20	240	[VA]	50	105	[VA]	
8	215	315	45	215	330	300	185	275	75	100	295	20	15	5	335	270	45	245	[VA]	220	[VA]	190	185	30	11	
9	15	10	75	0	355	125	160	165	140	340	75	0	50	15	5	75	325	285	75	245	245	110	190	15	1	
10	215	215	200	335	135	325	20	290	250	305	20	40	20	20	350	20	100	335	315	300	295	325	330	325	15	
11	240	290	55	165	110	40	70	345	5	45	75	30	115	20	350	350	0	60	305	5	240	30	15	320	2	
12	305	50	60	75	35	345	265	15	60	45	205	200	200	210	215	215	220	215	215	215	210	215	210	180	10	
13	190	210	210	275	300	215	210	210	270	300	225	220	235	255	205	210	225	60	290	270	330	0	325	350	[VA]	
14	20	5	0	30	35	60	95	90	100	120	120	120	105	115	100	90	210	215	300	290	305	340	270	15	5	
15	330	305	15	340	150	325	0	30	75	70	300	270	350	330	30	300	240	260	270	[VA]	90	45	45	160	16	
16	180	315	260	310	115	310	305	275	310	315	340	150	[VA]	255	285	35	75	10	15	295	305	325	320	300	14	
17	335	320	315	[VA]	5	340	20	340	330	165	30	350	330	20	330	230	255	45	290	215	30	75	260	45	16	
18	30	325	100	105	110	135	130	75	95	220	70	325	30	15	25	245	300	155	210	30	255	310	105	125	2	
19	90	35	55	25	355	330	0	70	175	135	185	330	15	350	[MT]	[MT]	[MT]	225	165	135	255	150	135	345	16	
20	310	325	120	70	315	255	175	75	330	330	355	30	45	0	270	10	130	120	340	200	325	20	165	345	16	
21	20	0	5	80	40	295	315	90	355	60	20	35	300	[IM]	[IM]	[IM]	[IM]	245	290	325	325	240	300	165	[VA]	
22	345	30	270	335	330	350	170	345	15	110	320	15	35	45	40	90	160	225	340	40	330	0	165	110	16	
23	350	270	250	305	345	270	120	255	325	350	330	75	15	20	95	40	320	195	270	330	245	325	180	60	16	
24	330	15	285	45	315	155	0	350	315	325	45	30	5	305	315	340	15	245	20	30	30	270	300	245	2	
25	300	45	90	305	195	10	185	15	170	275	5	20	20	10	45	315	285	300	245	320	120	130	215	325	14	
26	120	105	45	0	340	165	325	230	0	65	35	50	20	0	40	5	15	330	75	305	90	325	320	230	3	
27	340	165	230	330	[VA]	105	330	270	350	300	290	315	325	330	15	315	325	10	45	355	245	210	250	270	16	
28	215	350	335	325	20	350	55	285	255	195	105	50	330	0	40	290	265	290	175	340	335	205	15	350	1	
29	35	15	290	325	295	60	75	[VA]	165	15	50	20	15	280	350	30	325	65	200	335	25	245	300	245	2	
30	240	40	230	255	300	195	20	330	260	125	345	350	45	15	295	215	50	315	225	275	20	30	100	85	2	
31	40	55	35	35	30	5	305	300	285	285	290	300	315	350	15	15	20	55	70	35	10	45	45	45	3	
PV	16	15	3	16	16	16	15	[VA]	1	15	2	2	2	2	2	1	12	11	14	15	15	3	14	2	2	

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	200	93	125	135	140	140	150	165	200	210	300	15	20	25	15	30	70	105	140	50	350	10	350	270	2	
2	130	165	[VA]	75	280	340	255	330	270	80	230	145	350	40	25	245	265	215	20	280	330	270	190	230	13	
3	345	270	163	120	110	20	125	80	290	325	340	[VA]	25	40	10	300	25	125	65	180	125	340	260	240	7	
4	335	65	25	100	230	245	40	340	25	350	60	0	20	30	30	270	245	55	155	300	325	75	350	5	2	
5	75	205	75	160	315	215	270	265	300	15	265	350	20	45	20	175	315	[RF]	[RF]	295	270	195	30	265	13	
6	210	305	85	190	210	243	245	310	283	285	215	270	0	260	245	225	300	245	295	350	[RF]	5	60	285	[VA]	
7	215	25	350	20	20	50	340	350	0	[RF]	20	345	330	75	15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	2	
8	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	25	[RF]	5	15	30	15	350	20	300	345	305	30	90	250	65	245	2	
9	15	15	[VA]	330	0	190	95	30	140	135	175	225	30	45	0	245	335	270	215	30	330	85	325	285	2	
10	15	300	25	195	310	255	270	65	325	325	150	190	270	300	260	220	220	255	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	13	
11	270	[RF]	[RF]	[RF]	[RF]	60	[RF]	[RF]	[RF]	[RF]	[RF]	290	315	330	325	330	260	50	270	320	255	300	30	215	15	
12	330	240	305	355	290	240	300	325	315	300	340	265	300	20	50	260	315	265	270	300	300	275	245	300	14	
13	285	295	300	275	265	275	265	350	330	270	25	315	45	0	345	15	350	170	245	325	10	305	275	330	13	
14	350	15	350	340	215	210	230	310	350	335	230	280	330	0	10	350	285	170	270	325	300	340	190	270	16	
15	270	195	15	325	15	300	285	350	280	300	300	345	330	345	310	330	175	330	300	270	350	245	325	300	14	
16	275	325	350	280	130	285	300	40	325	265	15	30	30	15	25	345	30	285	30	180	20	20	230	305	2	
17	270	270	330	270	30	350	330	35	320	330	330	350	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	16	
18	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	
19	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	120	330	15	350	10	315	250	215	285	285	315	330	0	16	
20	325	330	90	20	95	325	300	340	95	345	165	50	350	35	35	350	270	245	245	260	265	20	90	0	16	
21	255	330	30	165	135	45	175	80	60	165	265	70	35	50	40	340	280	330	15	245	20	345	235	300	3	
22	30	55	60	225	30	05	130	10	130	230	175	135	35	40	35	285	265	305	350	300	200	50	215	300	3	
23	40	275	165	120	300	325	300	0	240	335	350	345	340	0	40	50	35	325	300	105	185	240	265	300	14	
24	30	235	305	325	240	170	25	300	290	290	75	15	310	60	345	325	285	285	285	300	270	280	270	300	14	
25	270	325	45	285	325	275	305	340	315	290	45	350	305	20	30	25	300	245	50	325	300	45	45	40	15	
26	330	340	20	15	0	315	345	330	315	315	5	60	20	305	265	275	45	0	175	215	330	65	210	325	16	
27	330	310	45	330	300	285	0	15	270	20	15	65	45	35	35	315	270	270	95	200	135	60	275	135	3	
28	270	5	215	35	290	350	225	300	325	330	275	330	30	330	15	20	25	140	180	180	330	330	355	285	16	
29	0	300	215	60	75	340	195	160	225	0	325	30	335	0	45	350	35	130	305	220	20	75	330	300	[VA]	
30	300	25	0	45	40	25	320	285	135	225	75	315	0	350	20	335	335	350	60	95	95	125	125	60	1	
31	290	265	275	170	350	190	340	300	270	240	135	305	325	40	5	345	335	270	320	285	160	315	350	330	[VA]	
PV	13	15	2	16	14	15	14	16	14	[VA]	2	16	2	2	2	16	14	[VA]	14	14	[VA]	16	1	14	14	

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	4	3	2	2	1	1	1	2	3	6	8	9	10	11	11	11	9	8	7	6	5	4	4	6	11
2	3	2	2	1	1	1	0	1	2	3	6	8	11	12	13	14	12	10	9	9	7	6	3	4	6	14
[illegible]	[illegible]	2	2	2	1	1	0	1	1	3	5	8	10	12	13	13	13	11	10	9	6	6	5	4	6	13
[illegible]	3	2	2	1	1	0	0	0	1	3	5	7	9	11	12	12	12	9	9	6	6	5	4	3	5	12
3	2	2	1	0	0	0	0	0	1	2	5	8	10	12	13	14	12	10	9	9	7	6	5	4	6	14
5	4	2	2	1	1	0	0	1	1	5	8	10	12	15	16	16	15	11	13	12	10	9	10	9	8	16
7	10	10	8	5	4	2	2	2	4	8	11	12	14	16	17	17	15	14	12	11	10	9	9	8	10	17
8	8	7	6	6	6	5	5	5	5	5	7	8	8	9	9	9	8	7	5	6	4	3	2	2	6	9
9	[illegible]	0	0	0	0	-1	-1	-1	0	1	2	3	4	4	5	5	4	3	1	1	0	-1	-1	-2	1	5
0	-7	-3	-3	-3	-3	-2	-3	-3	-2	0	1	2	3	4	5	5	5	5	4	1	1	1	2	1	1	5
11	1	1	0	0	0	-1	-1	-1	-1	0	1	1	2	3	3	3	3	2	1	0	-1	-2	-2	-4	0	3
12	-4	-5	-6	-7	-7	-8	-8	-8	-7	-5	-2	-1	1	2	3	3	2	1	0	0	-1	-2	-3	-4	-3	3
13	-5	-6	-6	-7	-7	-7	-8	-8	-6	-4	-2	0	2	4	4	5	4	2	1	1	-1	-2	-3	-4	-2	5
14	-4	-5	-6	-6	-7	-7	-7	-8	-6	-4	0	2	4	6	6	6	5	4	4	2	1	1	0	0	-1	6
15	[illegible]	-2	-1	-1	-3	-3	-4	-4	-3	-1	2	4	7	8	9	10	9	6	6	5	3	2	1	0	2	10
16	-1	-1	-2	-2	-3	-4	-4	-5	-3	-1	3	5	7	9	10	10	9	7	6	5	3	3	2	2	2	10
17	1	1	1	0	-1	-1	-2	-2	-1	2	4	6	8	9	10	10	9	8	7	6	4	4	4	2	4	10
18	2	1	0	0	-1	-2	-3	-3	-2	1	3	5	6	7	7	7	7	6	6	5	4	1	1	0	2	7
19	-2	-2	-2	-3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	1	1	1	1	1	0	0	-1	-2	-3	-3	-4	-1	1
20	-5	-5	-5	-7	-8	-9	-10	-9	-9	-7	-4	-3	-2	-1	-1	-1	-1	-1	-2	-2	-3	-3	-4	-4	-4	-1
21	[illegible]	[illegible]	-4	-4	-4	-4	-4	-4	-4	-3	-2	-1	0	0	1	1	0	-1	-1	-2	-3	-4	-5	-6	-3	1
22	-6	[illegible]	-8	-8	-9	-9	-9	-10	-9	-7	-4	-2	0	1	2	3	2	0	0	-1	-2	-3	-4	-3	-4	3
23	-4	-5	-5	-5	-5	-6	-6	-7	-6	-4	-1	1	3	4	5	5	4	3	2	1	-1	-1	-1	-2	-1	5
24	-3	-3	-4	-4	-5	-4	-5	-5	-5	-3	-2	0	2	4	5	5	4	3	2	3	3	3	2	3	0	5
25	4	4	3	-1	0	0	-1	-3	-3	-3	-3	-2	-2	-2	-2	-3	-3	-4	-5	-6	-7	-8	-9	-11	-3	5
26	-13	-12	-12	-13	-13	-14	-14	-13	-12	-10	-8	-7	-6	-5	-3	-3	-5	-6	-6	-7	-7	-8	-9	-9	-9	-3
27	-11	-10	-10	-10	-10	-10	-10	-10	-9	-8	-7	-6	-6	-6	-5	-5	-5	-5	-5	-4	-5	-6	-6	-6	-7	-4
28	-6	-6	-6	-6	-6	-6	-6	-6	-5	-5	-4	-1	0	3	4	3	2	1	0	0	0	-1	-1	-1	-2	4
29	-2	-2	-2	-2	-3	-4	-5	-5	-4	-5	-5	-4	-5	-5	-6	-7	-8	-9	-9	-9	-9	-9	-10	-10	-6	-2
30	-9	-10	-9	-9	-9	-9	-9	-9	-8	-8	-5	-1	0	0	1	0	0	-1	-2	-2	-2	-2	-1	0	-4	1
31	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVE	-1	-2	-2	-3	-3	-3	-4	-4	-3	-1	1	2	4	5	6	6	5	3	3	2	1	0	0	-1	0	1
SD	7	5	5	4	4	4	4	4	4	4	5	5	5	6	6	6	6	5	5	5	5	5	5	5	5	1

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

* SUBJECT TO REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-1	0	1	1	1	1	1	1	2	3	5	7	8	6	6	5	4	3	2	2	1	1	1	-1	3	8
2	-1	-1	-1	-2	-2	-3	-3	-4	-4	-2	0	2	4	5	5	5	4	3	2	1	0	-1	-2	-2	0	5
3	-2	-3	-4	-5	-5	-5	-6	-6	-6	-4	-2	0	2	3	3	4	3	1	1	0	-1	-2	-3	-3	-2	4
4	-4	-4	-4	-5	-6	-6	-6	-7	-6	-5	-3	-1	1	2	2	3	1	-1	-2	-3	-5	-5	-6	-7	-3	3
5	-8	-8	-8	-8	-9	-9	-8	-8	-7	-6	-4	-4	-3	-1	1	1	0	-1	-1	-1	-2	-1	-2	-2	-4	1
6	-1	-2	-2	-2	-2	-3	-2	-3	-3	-2	1	4	5	5	6	6	4	3	2	1	0	0	-1	-2	1	6
7	-2	-2	-3	-3	-4	-4	-4	-5	-5	-3	-2	0	1	2	2	3	2	1	0	-1	-2	-2	-3	-3	-2	3
8	-3	-4	-4	-4	-4	-5	-4	-5	-5	-5	-3	-2	-1	0	1	2	0	-1	-3	-4	-4	-4	-5	-6	-3	2
9	-6	-7	-7	-8	-8	-8	-7	-7	-7	-6	-5	-5	-4	-3	-3	-3	-3	-3	-4	-4	-5	-5	-5	-5	-5	-3
10	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-5	-5	-4	-4	-3	-4	-4	-4	-4	-4	-4	-4	-5	-5	-5	-3
11	-5	-5	-5	-5	-5	-5	-3	-5	-5	-4	3	-4	-3	-3	-2	-2	-3	-4	-3	-4	-4	-4	-4	-4	-4	-2
12	-4	-4	-4	-4	-4	-4	-4	-4	-4	-3	-2	1	5	6	6	6	6	5	5	5	5	4	3	3	1	6
13	5	4	4	2	1	0	-1	1	0	1	5	6	5	4	3	3	1	1	-1	-1	-2	-2	-3	-3	1	6
14	-3	-4	-4	-4	-5	-6	-7	-9	-8	-8	-8	-7	-6	-6	-5	-5	-8	-9	-10	-11	-13	-14	-14	-15	-8	-3
15	-15	-16	-16	-17	-17	-18	-18	-19	-18	-17	-14	-13	-11	-10	-9	-9	-10	-11	-12	-13	-14	-14	-15	-16	-14	-9
16	-16	-17	-17	-17	-17	-17	-18	-19	-17	-15	-14	-12	-8	-6	-6	-6	-6	-9	-10	-11	-11	-11	-11	-12	-13	-6
17	-13	-13	-13	-13	-13	-14	-14	-15	-14	-12	-11	-9	-7	-6	-6	-6	-7	-8	-9	-9	-10	-11	-11	-12	-11	-6
18	-13	-13	-14	-14	-15	-15	-16	-16	-15	-13	-12	-9	-8	-6	-6	-6	-7	-8	-8	-9	-10	-11	-12	-13	-11	-6
19	-14	-14	-15	-15	-16	-16	-17	-17	-17	-15	-12	-11	-9	-7	[IMI	[IMI	[IMI	-10	-10	-11	-12	-13	-13	-14	-13	-7
20	-14	-15	-15	-16	-16	-17	-17	-17	-17	-15	-13	-11	-10	-9	-7	-8	-10	-12	-12	-13	-13	-14	-14	-15	-13	-7
21	-15	-15	-15	-15	-15	-15	-15	-16	-15	-14	-13	-12	-9	-7	-6	-6	-8	-9	-9	-10	-10	-10	-11	-11	-12	-6
22	-12	-12	-13	-13	-14	-14	-14	-15	-15	-13	-11	-10	-9	-8	-6	-6	-7	-8	-9	-10	-10	-11	-11	-12	-11	-6
23	-12	-13	-13	-13	-12	-13	-13	-12	-12	-11	-9	-8	-7	-6	-5	-5	-6	-8	-8	-9	-9	-10	-11	-11	-10	-5
24	-12	-13	-13	-14	-14	-14	-15	-15	-15	-14	-11	-10	-8	-7	-7	-8	-9	-9	-9	-9	-9	-10	-10	-10	-11	-7
25	-10	-10	-10	-10	-10	-11	-11	-12	-12	-10	-9	-9	-9	-9	-8	-7	-7	-10	-11	-11	-11	-11	-11	-11	-10	-7
26	-11	-10	-10	-10	-11	-12	-12	-13	-12	-11	-10	-8	-8	-6	-7	-8	-9	-9	-9	-8	-8	-8	-7	-9	-9	-6
27	-10	-10	-10	-10	-11	-11	-11	-11	-11	-10	-8	-1	-1	0	0	0	-1	-2	-3	-3	-4	-6	-7	-9	-6	0
28	-9	-11	-11	-12	-12	-14	-14	-14	-15	-13	-10	-8	-5	-4	-3	-3	-6	-7	-7	-9	-10	-11	-12	-13	-10	-3
29	-14	-15	-15	-15	-15	-16	-16	-17	-15	-14	-12	-9	-6	-7	-6	-6	-7	-9	-9	-10	-11	-12	-12	-12	-12	-6
30	-13	-14	-14	-14	-15	-15	-16	-16	-14	-13	-12	-9	-7	-6	-6	-7	-7	-6	-4	-5	-6	-7	-6	-6	-10	-4
31	-7	-7	-7	-7	-7	-8	-8	-8	-8	-8	-7	-7	-6	-6	-7	-6	-6	-7	-8	-9	-9	-9	-10	-11	-8	-6
AV	-9	-9	-9	-9	-9	-10	-10	-10	-10	-9	-7	-5	-4	-3	-2	-2	-4	-5	-5	-6	-7	-7	-8	-8	-7 [	1
SD	5	5	6	5	5	5	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5 [	1

TEMPERATURE
(DEGREES C)

WHITE RIVER SHALE PROJECT,UTAH

SITE # 2

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

* SUBJECT TO *
* REVISION *

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-11	-11	-11	-12	-13	-13	-14	-14	-14	-14	-14	-13	-11	-11	-11	-12	-12	-15	-15	-17	-18	-20	-19	-18	-14	-11
2	-23	-23	-24	-24	-24	-25	-25	-23	-25	-24	-22	-20	-16	-16	-15	-15	-16	-17	-18	-18	-18	-17	-19	-18	-20	-15
3	-18	-19	-19	-21	-21	-22	-22	-23	-22	-21	-20	-18	-15	-14	-14	-14	-15	-15	-15	-15	-14	-14	-14	-14	-20	-14
4	-14	-14	-14	-14	-14	-14	-14	-14	-14	-13	-13	-12	-10	-10	-10	-9	-10	-12	-13	-13	-14	-16	-16	-17	-13	-9
5	-17	-17	-13	-17	-17	-16	-16	-14	-14	-13	-12	-11	-10	-8	-8	-8	-8	-9	-9	-9	-9	-9	-9	-9	-12	-8
6	-9	-9	-10	-10	-10	-10	-11	-12	-11	-10	(PPI	-7	-4	-6	-6	-6	-7	-8	-8	-8	-8	-10	-10	-11	-9	-4
7	-12	-13	-13	-14	-15	-16	-17	-17	-17	-16	-13	-13	-11	-16	-9	-8	-8	-9	-10	-12	-13	-14	-13	-13	-13	-8
8	-14	-14	-14	-14	-13	-13	-13	-13	-12	-11	-10	-10	-8	-7	-7	-7	-7	-8	-9	-10	-11	-11	-12	-12	-11	-7
9	-15	-14	-13	-15	-15	-15	-15	-16	-15	-14	-12	-11	-9	-7	-6	-6	-6	-7	-7	-8	-9	-9	-9	-8	-11	-6
10	-9	-9	-9	-10	-9	-9	-10	-10	-9	-8	-7	-5	-1	0	0	0	-1	-1	-4	-5	-6	-7	-8	-9	-6	0
11	-10	-11	-12	-13	-13	-14	-15	-15	-15	-14	-11	-9	-7	-6	-5	-5	-5	-7	-7	-8	-8	-8	-9	-9	-10	-5
12	-10	-9	-9	-9	-9	-10	-11	-11	-10	-10	-10	-7	-6	-5	-5	-4	-2	0	0	0	0	-2	-2	-3	-6	0
13	-5	-3	-4	-5	-6	-6	-8	-11	-11	-11	-9	-7	-5	-3	-2	-3	-4	-6	-7	-6	-9	-11	-12	-12	-7	-2
14	-13	-13	-13	-14	-14	-16	-17	-16	-16	-15	-12	-10	-9	-7	-6	-6	-7	-9	-9	-9	-10	-11	-11	-11	-11	-6
15	-12	-12	-13	-13	-14	-13	-14	-14	-14	-13	-10	-9	-7	-5	-5	-4	-4	-4	-5	-6	-7	-7	-7	-8	-9	-4
16	-7	-8	-8	-9	-10	-10	-9	-11	-10	-8	-7	-5	-3	-2	-1	1	0	-2	-4	-5	-5	-6	-6	-7	-6	1
17	-9	-9	-9	-9	-9	-10	-10	-11	-10	-9	-7	-5	-3	-2	0	0	-1	-2	-3	-4	-4	-6	-6	-7	-6	0
18	-8	-8	-8	-8	-9	-10	-9	-10	-9	-7	-6	-5	-3	-1	1	0	-2	-2	-2	-3	-3	-4	-4	-3	-5	1
19	-3	-2	-3	-4	-5	-7	-7	-9	-9	-9	-7	-5	-2	-1	0	-1	-1	-2	-4	-5	-6	-7	-8	-9	-5	0
20	-10	-11	-11	-12	-13	-13	-13	-14	-13	-12	-10	-8	-5	-4	-3	-3	-3	-6	-6	-6	-7	-9	-9	-10	-9	-3
21	-11	-12	-12	-13	-13	-14	-14	-14	-14	-12	-10	-9	-7	-5	-4	-3	-3	-6	-7	-8	-9	-10	-11	-12	-10	-3
22	-12	-13	-13	-14	-15	-15	-16	-17	-15	-14	-13	-10	-8	-6	-5	-4	-5	-7	-8	-9	-10	-11	-11	-12	-11	-4
23	-13	-12	-14	-15	-15	-13	-16	-17	-15	-14	-13	-10	-3	-8	-7	-6	-9	-8	-8	-8	-8	-7	-7	-7	-11	-7
24	-7	-7	-7	-8	-9	-9	-9	-9	-8	-6	-6	-5	-3	-2	-1	-1	-2	-3	-3	-3	-3	-4	-4	-6	-5	-1
25	-6	-8	-10	-10	-11	-11	-11	-11	-10	-8	-7	-5	-3	-4	-3	-4	-4	-5	-7	-6	-6	-10	-11	-12	-8	-3
26	-13	-14	-14	-14	-14	-16	-16	-17	-15	-14	-11	-9	-6	-5	-5	-4	-5	-5	-6	-6	-6	-7	-7	-8	-10	-4
27	-9	-7	-10	-11	-11	-12	-13	-13	-13	-12	-10	-7	-3	-3	-3	-3	-3	-4	-5	-6	-6	-7	-7	-7	-8	-3
28	-9	-8	-8	-9	-9	-10	-10	-11	-10	-10	-7	-5	-4	-2	-1	-1	-1	-3	-4	-3	-4	-5	-6	-6	-6	-1
29	-8	-8	-8	-9	-10	-10	-11	-11	-10	-9	-7	-4	-1	0	0	1	0	-2	-2	-4	-4	-5	-6	-7	-6	1
30	-8	-8	-8	-9	-9	-10	-9	-10	-9	-8	-6	-3	-1	2	2	2	2	2	3	2	1	1	1	-1	-3	3
31	-2	-3	-4	-6	-6	-7	-8	-8	-8	-5	-4	-2	0	0	1	1	2	0	-2	-2	-3	-4	-5	-6	-3	2
AVE	-10	-11	-11	-12	-12	-13	-13	-13	-13	-12	-10	-8	-6	-5	-4	-4	-7	-8	-7	-7	-8	-9	-9	-9	-9	[1
SD	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	15	4	4	4	4	4	4	4	4	[ ]

DELTA T
(DEGREES C.)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-3.1	-2.8	-2.9	-3.1	-3.1	-3.3	-3.6	-3.7	-3.8	-3.6	-3.7	-3.9	-3.6	-3.8	-3.9	-3.7	-3.2	-2.4	-1.9	-1.8	-2.8	-3.1	-3.0	-2.9	-3.2	-1.8
2	-2.9	-3.2	-3.0	-3.2	-3.1	-3.5	-3.4	-3.4	-3.6	-3.6	-3.7	-3.8	-3.7	-3.7	-3.7	-3.7	-2.8	-1.6	-1.6	-2.2	-2.3	-2.7	-2.8	-3.0	-3.1	-1.6
3	-3.1	-3.0	-3.3	-3.2	-3.3	-3.2	-3.5	-3.4	-3.3	-3.5	-3.7	-3.8	-3.8	-3.8	-3.8	-3.7	-3.2	-2.4	-2.6	-2.9	-2.7	-2.8	-3.0	-2.8	-3.2	-2.4
4	-3.1	-3.2	-3.1	-3.5	-3.3	-3.1	-3.2	-3.4	-3.5	-3.6	-3.5	-3.7	-3.8	-3.8	-3.8	-3.7	-3.1	-1.5	-2.3	-2.6	-2.9	-2.8	-3.0	-3.0	-3.2	-1.5
5	-2.7	-3.4	-3.0	-3.3	-3.5	-3.4	-3.4	-3.3	-3.5	-3.6	-3.8	-3.8	-3.7	-3.7	-3.8	-3.8	-3.3	-1.7	-1.1	-2.3	-2.3	-2.6	-2.3	-2.9	-3.1	-1.1
6	-2.8	-2.9	-3.2	-2.7	-3.3	-3.0	-3.2	-3.3	-3.3	-3.6	-3.7	-3.8	-3.8	-3.7	-3.6	-3.6	-2.6	-.1	-2.8	-3.3	-2.9	-2.6	-3.3	-2.9	-3.1	-.1
7	-3.4	-3.4	-2.3	-1.7	-1.4	-1.8	-.8	1.1	.6	-2.2	-3.7	-3.7	-3.7	-3.6	-3.5	-3.5	-3.6	-3.5	-3.6	-3.7	-3.7	-3.7	-3.7	-3.7	-2.8	1.1
8	-3.5	-3.3	-3.6	-3.5	-3.5	-3.6	-3.7	-3.7	-3.8	-3.8	-3.9	-3.9	-3.9	-3.8	-3.8	-3.8	-3.7	-3.3	-3.2	-3.6	-3.7	-3.8	-3.4	-3.5	-3.6	-3.2
9	-3.3	-3.2	-3.7	-3.8	-3.9	-3.7	-3.9	-3.9	-3.9	-3.9	-3.9	-4.0	-4.0	-3.9	-3.9	-3.9	-3.5	-2.5	-2.0	-2.8	-3.3	-2.8	-2.8	-3.1	-3.5	-2.0
10	-3.1	-2.9	-3.7	-3.3	-3.5	-3.6	-3.5	-3.6	-3.8	-4.1	-4.0	-4.0	-4.0	-3.9	-3.8	-3.8	-3.6	-3.6	-3.8	-3.9	-3.8	-3.7	-3.9	-3.9	-3.7	-2.9
11	-3.9	-3.9	-4.0	-4.0	-4.1	-4.1	-4.1	-4.1	-4.1	-4.0	-4.0	-3.9	-3.9	-3.9	-3.9	-3.9	-3.8	-3.8	-3.8	-3.9	-3.8	-3.9	-3.5	-3.6	-3.9	-3.5
12	-3.6	-3.5	-3.6	-3.6	-3.9	-3.8	-3.9	-4.1	-4.5	-4.3	-4.1	-4.1	-4.1	-3.9	-3.9	-3.9	-3.6	-3.0	-3.1	-3.4	-3.3	-3.3	-3.6	-3.4	-3.7	-3.0
13	-3.3	-3.6	-3.6	-3.8	-3.4	-3.7	-4.0	-3.9	-4.4	-4.0	-4.2	-4.1	-4.0	-4.0	-4.0	-3.9	-3.3	-2.3	-2.2	-3.2	-2.8	-3.2	-3.4	-3.5	-3.6	-2.2
14	-3.5	-3.7	-3.6	-3.3	-3.8	-3.8	-3.8	-3.8	-3.8	-3.9	-4.1	-4.1	-4.0	-3.8	-3.9	-3.8	-3.6	-3.1	-3.1	-2.9	-3.1	-3.4	-3.2	-3.4	-3.6	-2.9
15	-3.0	-3.6	-3.2	-3.3	-3.2	-3.1	-3.2	-3.1	-3.6	-3.8	-3.9	-3.9	-4.0	-3.8	-3.8	-3.7	-3.5	-2.5	-2.7	-2.9	-2.5	-3.1	-3.2	-2.9	-3.3	-2.5
16	-3.3	-3.3	-3.3	-3.5	-3.4	-3.3	-3.4	-3.5	-3.5	-3.5	-3.7	-3.8	-3.8	-3.7	-3.8	-3.7	-2.4	-1.7	-1.6	-1.8	-2.5	-2.6	-3.1	-3.1	-3.1	-1.6
17	-2.5	-2.9	-2.9	-2.8	-2.7	-3.3	-3.3	-3.2	-3.2	-3.7	-3.8	-3.8	-3.9	-3.8	-3.8	-3.8	-2.9	-2.8	-2.4	-2.4	-2.8	-3.1	-2.6	-3.1	-3.1	-2.4
18	-3.2	-3.2	-3.3	-3.5	-3.3	-3.2	-3.5	-3.5	-3.8	-3.9	-3.9	-3.9	-4.0	-3.9	-3.7	-3.7	-3.7	-3.6	-3.5	-3.7	-3.8	-3.9	-3.9	-4.0	-3.7	-3.2
19	-4.1	-4.0	-4.0	-4.0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	-4.4	-4.2	-4.0	-3.9	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.9	-3.8
20	-3.3	-3.8	-3.5	-3.2	-3.8	-3.7	-3.4	-3.8	-4.0	-3.9	-4.0	-4.0	-3.9	-3.9	-3.8	-3.7	-3.8	-3.8	-3.6	-3.6	-3.6	-3.7	-3.7	-3.8	-3.7	-3.2
21	-3.8	-3.9	-3.9	-4.1	-3.9	-4.0	-4.1	-4.1	-4.3	-4.3	-4.2	-4.2	-4.1	-4.1	-4.0	-4.0	-3.4	-2.3	-3.0	-3.2	-3.5	-3.5	-3.5	-3.6	-3.8	-2.3
22	-3.8	-4.0	-3.9	-4.1	-4.1	-4.0	-3.9	-4.1	-4.3	-4.3	-4.3	-4.3	-4.0	-4.0	-4.1	-3.9	-3.3	-2.3	-2.8	-3.0	-3.1	-3.3	-3.3	-3.2	-3.7	-2.3
23	-3.6	-3.5	-3.1	-3.3	-3.6	-3.6	-3.6	-3.6	-4.2	-4.0	-4.3	-4.1	-4.0	-3.9	-3.8	-3.8	-3.1	-2.3	-2.5	-2.8	-2.8	-3.5	-2.9	-3.4	-3.5	-2.3
24	-3.5	-2.7	-3.5	-3.2	-3.1	-3.3	-2.9	-3.5	-3.6	-3.9	-4.0	-4.1	-4.1	-3.9	-3.8	-3.7	-3.4	-3.3	-3.1	-3.5	-3.1	-2.8	-2.3	-2.9	-3.4	-2.3
25	-3.7	-3.8	-3.9	-3.8	-4.1	-4.1	-4.1	-4.2	-4.2	-4.2	-4.1	-3.9	-4.0	-4.0	-4.1	-4.1	-4.2	-4.1	-4.1	-4.0	-4.0	-4.1	-3.9	-3.9	-4.0	-3.7
26	-3.9	-3.3	-2.8	-3.1	-3.4	-2.2	-3.6	-3.6	-3.8	-4.4	-4.3	-3.4	-4.4	-4.4	-4.3	-4.2	-4.0	-4.3	-4.4	-4.2	-4.1	-3.9	-4.1	-4.1	-3.8	-2.2
27	-3.5	-3.8	-4.3	-4.3	-4.4	-4.5	-4.3	-4.4	-4.5	-4.5	-3.9	-3.6	-3.8	-3.9	-3.9	-3.9	-3.9	-3.8	-3.9	-3.6	-3.7	-3.7	-3.8	-4.0	-4.0	-3.5
28	-3.8	-3.7	-3.8	-3.7	-3.8	-3.8	-3.9	-3.9	-3.7	-3.8	-3.7	-3.6	-3.6	-3.5	-4.0	-3.7	-3.9	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.7	-3.5
29	-3.7	-3.7	-3.7	-3.7	-3.7	-3.6	-3.3	-3.1	-3.6	-3.8	-3.7	-3.7	-3.7	-3.7	-3.7	-3.8	-3.8	-3.8	-3.9	-3.9	-3.9	-3.8	-3.6	-3.8	-3.7	-3.1
30	-3.9	-3.8	-3.8	-3.8	-3.8	-3.6	-3.6	-3.7	-3.2	-3.2	-2.2	-3.5	-3.5	-3.5	-3.6	-3.7	-3.7	-3.7	-3.8	-3.8	-3.8	-3.7	-3.7	-3.7	-3.6	-2.2
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	-3.4	-3.4	-3.5	-3.4	-3.5	-3.5	-3.5	-3.5	-3.7	-3.8	-3.9	-3.9	-3.9	-3.8	-3.8	-3.8	-3.5	-2.9	-3.0	-3.2	-3.3	-3.4	-3.3	-3.4	-3.5	[ ]
SD	.4	.4	.4	.5	.5	.5	.6	.9	.9	.4	.4	.2	.2	.2	.2	.1	.4	.9	.8	.6	.5	.5	.5	.4	.3	[ ]

DELTA T
(DEGREES C.)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-3.6	-3.7	-3.7	-3.6	-3.6	-3.5	-3.0	-3.5	-3.2	-3.2	-3.4	-3.3	-3.2	-3.3	-3.3	-3.4	-3.1	-2.8	-3.0	-2.5	-3.0	-2.8	-2.8	-2.7	-3.2	-2.5
2	-2.4	-2.3	-2.9	-2.8	-1.6	-2.9	-2.7	-2.5	-2.8	-2.9	-3.3	-3.4	-3.5	-3.4	-3.4	-3.3	-2.9	-2.4	-2.0	-2.7	-2.6	-2.2	-2.5	-2.6	-2.8	-1.6
3	-3.0	-3.3	-3.1	-3.0	-2.9	-2.9	-2.7	-3.0	-3.2	-3.4	-3.3	-3.6	-3.6	-3.5	-3.6	-3.7	-2.6	-2.2	-2.8	-2.9	-2.4	-2.7	-2.2	-2.9	-3.0	-2.2
4	-2.9	-3.0	-3.1	-3.3	-3.3	-2.8	-3.1	-2.9	-3.0	-3.2	-3.4	-3.7	-3.6	-3.5	-3.5	-3.6	-3.1	-3.0	-2.4	-3.3	-3.1	-3.1	-3.3	-2.9	-3.2	-2.4
5	-2.8	-3.1	-3.2	-3.1	-3.4	-3.4	-3.2	-3.2	-3.5	-3.5	-3.5	-3.6	-3.5	-3.5	-3.6	-3.5	-2.8	-3.1	-3.1	-2.9	-3.4	-3.5	-3.5	-3.4	-3.3	-2.8
6	-2.9	-3.5	-3.4	-3.3	-2.9	-3.0	-2.9	-3.0	-3.2	-3.4	-3.4	-3.5	-3.4	-3.4	-3.4	-3.5	-2.8	-2.9	-2.4	-2.6	-2.8	-2.7	-3.1	-3.0	-3.1	-2.4
7	-2.8	-2.5	-2.9	-3.0	-2.9	-3.3	-2.7	-2.9	-3.0	-3.1	-3.7	-3.8	-3.7	-3.7	-3.6	-3.5	-3.2	-3.1	-2.9	-3.0	-3.2	-3.2	-3.1	-3.2	-3.2	-2.5
8	-3.0	-3.0	-3.4	-3.1	-3.5	-3.4	-3.5	-3.6	-3.7	-3.7	-3.3	-3.5	-3.7	-3.7	-3.7	-3.5	-3.5	-3.2	-3.3	-2.8	-3.3	-4.0	-3.8	-3.7	-3.5	-2.8
9	-3.7	-3.8	-3.5	-3.5	-3.7	-3.8	-4.0	-4.0	-3.7	-3.7	-3.6	-3.6	-3.4	-3.4	-3.5	-3.6	-3.7	-3.8	-3.8	-3.8	-3.8	-3.8	-3.9	-3.7	-3.7	-3.4
10	-3.7	-3.8	-4.1	-3.8	-3.8	-3.9	-3.8	-3.8	-3.7	-3.6	-3.3	-3.0	-3.0	-3.2	-3.1	-3.5	-3.6	-3.6	-3.8	-3.9	-3.9	-3.9	-3.7	-3.8	-3.6	-3.0
11	-3.7	-3.7	-3.8	-3.8	-3.9	-3.7	-3.8	-3.7	-3.6	-3.4	-2.8	-3.1	-3.0	-3.1	-3.7	-3.7	-3.7	-3.7	-3.9	-3.9	-3.9	-3.7	-3.8	-3.7	-3.6	-2.8
12	-3.7	-3.8	-3.8	-3.7	-3.7	-3.7	-3.9	-3.8	-3.6	-3.4	-2.4	.2	-2.9	-3.5	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.5	-3.4	-3.1	-2.7	-3.3	.2
13	-2.8	-3.5	-3.5	-2.6	-2.9	-2.0	-1.4	-2.5	-2.5	-3.4	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.6	-3.7	-3.8	-3.8	-3.8	-3.8	-3.7	-3.8	-3.3	-1.4
14	-3.8	-3.8	-3.8	-3.8	-3.8	-3.9	-3.9	-3.9	-3.9	-3.8	-3.7	-3.6	-3.6	-3.6	-3.8	-3.8	-1.9	-2.2	-2.9	-3.0	-2.5	-3.4	-2.6	-2.8	-3.4	-1.9
15	-3.2	-3.3	-3.1	-3.0	-3.0	-3.0	-2.7	-3.2	-3.3	-3.3	-2.9	-2.9	-3.3	-3.6	-3.8	-3.4	-2.6	-2.8	-3.2	-3.0	-3.1	-3.1	-3.4	-3.2	-3.1	-2.6
16	-2.8	-3.1	-3.2	-2.9	-3.2	-2.7	-2.8	-3.1	-3.2	-3.4	-3.2	-3.3	-2.8	-2.7	-2.3	-3.3	-3.3	-3.1	-2.9	-2.4	-2.6	-2.6	-2.7	-2.6	-2.9	-2.3
17	-2.8	-2.9	-2.6	-2.5	-2.7	-2.7	-2.9	-2.9	-2.7	-3.1	-2.8	-2.9	-2.6	-3.5	-3.6	-3.8	-3.4	-3.1	-2.7	-2.7	-2.9	-2.9	-2.9	-3.1	-3.0	-2.5
18	-3.4	-3.3	-3.0	-3.2	-3.4	-3.1	-3.1	-3.1	-3.1	-3.0	-2.9	-3.4	-3.5	-3.2	-3.6	-3.7	-2.9	-2.6	-2.9	-2.8	-3.4	-3.2	-2.7	-2.3	-3.1	-2.3
19	-2.7	-3.2	-3.1	-3.3	-3.2	-3.1	-3.0	-2.8	-2.5	-3.1	-3.3	-3.2	-3.4	-3.5	[IM]	[IM]	[IM]	-2.9	-3.1	-3.1	-2.8	-2.8	-3.0	-3.0	-3.1	-2.5
20	-3.4	-2.9	-3.3	-2.9	-3.0	-3.3	-2.9	-2.9	-2.7	-3.1	-3.0	-3.3	-3.5	-3.6	-3.7	-3.7	-3.4	-3.5	-3.2	-3.3	-3.2	-3.0	-3.3	-3.2	-3.2	-2.7
21	-3.3	-3.3	-3.4	-3.0	-3.4	-2.8	-3.2	-3.4	-3.4	-3.5	-3.6	-3.6	-3.8	-3.6	-3.6	-3.3	-3.5	-3.4	-3.5	-3.6	-3.9	-3.9	-3.5	-3.2	-3.4	-2.8
22	-3.1	-3.3	-3.2	-3.5	-3.1	-3.4	-2.7	-3.0	-3.4	-3.6	-3.5	-3.5	-3.6	-3.6	-3.7	-3.8	-3.1	-2.6	-2.3	-2.6	-2.9	-2.8	-3.0	-3.1	-3.2	-2.3
23	-3.0	-2.9	-3.3	-2.8	-3.2	-3.3	-3.5	-3.2	-3.3	-3.5	-3.7	-3.8	-3.7	-3.7	-3.8	-3.8	-3.2	-2.2	-2.7	-3.0	-3.4	-3.4	-3.1	-3.0	-3.3	-2.2
24	-3.0	-3.2	-3.1	-3.2	-3.1	-3.1	-2.9	-3.2	-2.9	-3.3	-3.3	-3.5	-3.6	-3.5	-3.8	-3.8	-3.8	-3.9	-3.9	-3.9	-3.9	-3.9	-3.9	-3.6	-3.5	-2.9
25	-3.6	-3.7	-3.6	-3.5	-3.7	-3.6	-3.5	-3.1	-3.2	-3.5	-3.3	-2.8	-3.1	-3.0	-3.5	-3.8	-3.5	-3.4	-3.7	-3.9	-3.9	-3.9	-3.8	-3.8	-3.5	-2.8
26	-3.8	-3.8	-3.6	-3.6	-3.5	-3.4	-3.4	-3.3	-3.0	-3.4	-3.5	-3.1	-3.1	-3.6	-3.6	-3.4	-3.7	-3.7	-3.8	-3.7	-3.7	-2.4	-3.5	-3.6	-3.5	-2.4
27	-3.1	-3.2	-3.2	-2.7	-3.0	-3.1	-2.9	-2.7	-2.4	-.9	-2.3	-2.4	-3.5	-3.4	-3.5	-3.5	-3.5	-3.2	-3.3	-3.0	-3.1	-2.2	-2.7	-2.3	-2.9	-.9
28	-2.8	-2.8	-3.1	-3.1	-3.2	-3.1	-3.0	-2.9	-2.6	-3.2	-3.2	-2.9	-3.4	-3.5	-3.6	-3.8	-1.9	-1.5	-1.7	-2.4	-3.1	-3.1	-2.7	-2.5	-2.9	-1.5
29	-2.6	-3.2	-2.8	-2.7	-3.2	-3.0	-3.1	-3.3	-2.7	-3.3	-3.5	-3.6	-3.8	-3.8	-3.8	-3.8	-3.4	-2.8	-2.5	-2.8	-3.0	-2.9	-3.2	-3.2	-3.2	-2.5
30	-3.1	-3.2	-3.3	-3.1	-2.5	-3.0	-2.7	-3.5	-2.6	-3.0	-3.1	-3.5	-3.6	-3.6	-3.7	-3.8	-3.4	-3.3	-3.7	-3.6	-3.7	-3.8	-3.7	-3.7	-3.3	-2.5
31	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.7	-3.7	-3.7	-3.6	-3.7	-3.7	-3.7	-3.7	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.8	-3.6
AV	-3.2	-3.3	-3.3	-3.2	-3.2	-3.2	-3.1	-3.2	-3.1	-3.3	-3.3	-3.2	-3.4	-3.5	-3.6	-3.6	-3.2	-3.1	-3.1	-3.2	-3.3	-3.2	-3.2	-3.2	-3.3	[ ]
SD	.4	.4	.3	.4	.5	.4	.5	.4	.4	.5	.4	.7	.3	.2	.3	.2	.5	.6	.6	.5	.5	.5	.5	.5	.2	[ ]

ELTA T
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JANUARY,1976

AEROVIRONMENT INC.

```
**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 11 APR 76   *
*                    *
**********************
*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
**********************
```

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-3.6	-3.7	-3.6	-3.7	-3.7	-3.7	-3.6	-3.7	-3.3	-3.1	-3.1	-3.4	-3.6	-3.7	-3.7	-3.7	-3.6	-3.7	-2.5	-2.4	-2.8	-3.1	-3.2	-2.9	-3.4	-2.4
2	-3.0	-3.2	-3.0	-3.0	-2.5	-3.2	-2.8	-3.0	-3.1	-3.2	-2.9	-2.8	-3.3	-3.5	-3.7	-3.7	-3.6	-3.4	-3.2	-3.0	3.5	-3.6	-3.6	-3.5	-2.9	3.5
3	-3.2	-2.7	-2.9	-3.4	-3.0	-3.4	-3.4	-3.5	-3.2	-2.6	-3.1	-3.3	-3.5	-3.7	-3.8	-3.9	-3.8	-3.7	-3.6	-3.8	-3.9	-3.9	-3.9	-3.9	-3.5	-2.6
4	-3.9	-3.8	-3.6	-3.7	-3.7	-3.7	-3.5	-3.7	-3.7	-3.8	-3.7	-3.6	-3.6	-3.5	-3.6	-3.8	-3.1	-2.7	-2.5	-2.9	-2.9	-2.9	-3.0	-3.2	-3.4	-2.5
5	-3.3	-3.1	-2.9	-3.5	-3.0	-2.8	-3.1	-3.6	-3.5	-3.7	-3.8	-3.8	-3.7	-3.6	-3.7	-3.8	-3.8	-3.8	-3.7	-3.6	-3.7	-3.7	-3.8	-3.7	-3.5	-2.8
6	-3.6	-3.3	-3.4	-3.5	-3.1	-2.7	-2.5	-2.5	-3.0	-1.8	[PF]	-1.4	-2.5	-3.2	-3.6	-3.6	-3.6	-3.2	-3.4	-3.1	-3.3	-3.1	-3.1	-2.5	-3.0	-1.4
7	-2.7	-2.9	-2.8	-2.6	-2.7	-2.9	-2.6	-2.8	-2.9	-2.7	-3.0	-3.4	-3.4	-3.3	-3.5	-3.7	-3.3	-3.0	-3.0	-3.0	-3.2	-3.4	-3.5	-3.4	-3.1	-2.6
8	-3.5	-3.5	-3.5	-3.4	-3.5	-3.4	-3.5	-3.7	-3.8	-3.7	-3.7	-3.7	-3.7	-3.6	-3.6	-3.7	-3.4	-2.8	-2.7	-2.9	-2.8	-2.8	-2.8	-2.5	-3.4	-2.7
9	-2.9	-3.1	-3.2	-2.7	-3.0	-2.9	-3.1	-3.0	-3.1	-2.7	-2.7	-3.1	-3.3	-3.5	-3.5	-3.7	-3.3	-3.2	-3.3	-3.4	-3.3	-3.3	-3.4	-3.3	-3.2	-2.7
10	-3.1	-3.2	-3.0	-3.5	-3.3	-2.9	-3.4	-3.1	-2.9	-2.8	-2.9	-2.7	-2.7	-3.3	-3.4	-3.4	-3.4	-3.4	-3.2	-2.9	-2.2	-2.6	-2.2	-2.5	-3.0	-2.2
11	-2.7	-2.7	-3.2	-2.9	-3.1	-2.8	-2.8	-2.6	-3.0	-2.9	-2.5	-3.1	-3.2	-3.3	-3.4	-3.8	-3.7	-3.3	-3.0	-3.3	-3.5	-3.2	-3.0	-3.3	-3.1	-2.5
12	-3.3	-3.4	-3.2	-3.2	-3.4	-3.1	-3.1	-3.2	-3.3	-3.0	-2.7	-3.5	-3.2	-3.1	-3.5	-3.0	-3.3	-3.6	-3.6	-3.6	-3.6	-3.6	-3.5	-3.4	-3.3	-2.7
13	-3.7	-3.6	-3.6	-3.7	-3.7	-3.4	-2.7	-2.6	-2.3	-3.1	-3.1	-2.8	-2.9	-3.0	-3.5	-3.5	-2.9	-1.5	-2.1	-2.8	-3.1	-2.5	-2.6	-2.4	-3.0	-1.5
14	-2.9	-3.1	-2.9	-2.9	-2.7	-2.7	-2.8	-3.3	-2.6	-3.5	-3.2	-3.1	-3.1	-3.5	-3.5	-3.6	-3.5	-3.2	-3.1	-2.6	-2.6	-2.9	-3.1	-2.9	-3.1	-2.6
15	-3.2	-3.3	-3.1	-3.0	-2.7	-3.1	-3.2	-2.8	-2.7	-3.3	-3.0	-3.4	-3.4	-3.5	-3.5	-3.6	-3.4	-3.1	-3.2	-3.2	-3.2	-3.0	-3.1	-3.1	-3.2	-2.7
16	-3.0	-2.7	-2.6	-2.9	-2.7	-2.8	-2.7	-2.6	-2.6	-3.0	-2.7	-3.0	-3.3	-3.2	-3.3	-3.3	-3.1	-3.1	-3.0	-2.8	-2.9	-3.2	-2.6	-2.3	-2.9	-2.3
17	-2.9	-2.7	-2.7	-2.7	-3.0	-2.6	-2.7	-2.9	-2.6	-2.7	-2.9	-3.0	-3.5	-3.3	-3.3	-3.5	-3.0	-2.7	-2.3	-2.7	-2.6	-3.0	-2.8	-2.9	-2.9	-2.3
18	-2.9	-2.9	-2.8	-3.1	-3.0	-2.9	-2.7	-2.6	-3.2	-3.4	-2.5	-3.1	-3.3	-3.3	-3.3	-3.3	-3.5	-3.3	-3.1	-3.0	-3.0	-2.8	-2.2	-2.6	-3.0	-2.2
19	-2.6	-3.2	-2.9	-2.2	-2.5	-2.9	-3.0	-2.4	-2.7	-2.8	-2.7	-2.9	-3.4	-3.3	-3.4	-3.5	-3.4	-2.6	-1.7	-1.7	-2.7	-2.7	-2.5	-2.9	-2.8	-1.7
20	-3.0	-2.9	-3.2	-3.0	-2.7	-3.0	-2.7	-2.5	-2.9	-3.1	-2.3	-2.9	-3.4	-3.3	-3.4	-3.5	-3.4	-2.1	-1.9	-3.1	-2.7	-2.5	-2.7	-2.6	-2.9	-1.9
21	-2.9	-2.9	-2.8	-2.8	-2.8	-2.8	-2.6	-2.8	-3.0	-3.1	-2.6	-2.9	-3.3	-3.4	-3.5	-3.6	-3.2	-2.3	-1.5	-1.5	-2.0	-2.4	-2.5	-2.6	-2.8	-1.5
22	-2.9	-3.2	-3.1	-2.9	-3.1	-3.0	-3.1	-3.0	-3.2	-2.5	-2.3	-2.4	-3.2	-3.5	-3.5	-3.6	-3.3	-2.6	-3.1	-2.8	-2.4	-2.5	-2.6	-2.2	-2.9	-2.2
23	-3.1	-3.0	-2.8	-2.5	-3.0	-3.1	-2.5	-3.1	-2.9	-2.6	-3.1	-3.4	-3.3	-3.6	-3.7	-3.7	-3.8	-3.7	-3.8	-3.7	-3.6	-3.4	-3.3	-3.2	-3.2	-2.5
24	-3.4	-3.4	-3.4	-3.6	-3.6	-3.5	-3.6	-3.4	-3.5	-3.5	-3.7	-3.6	-3.5	-3.5	-3.5	-3.6	-3.5	-2.9	-3.1	-3.2	-3.5	-3.5	-3.5	-3.0	-3.4	-2.9
25	-2.9	-2.1	-2.3	-1.9	-2.9	-3.1	-2.7	-3.3	-3.0	-3.4	-3.1	-3.5	-3.5	-3.5	-3.5	-3.6	-3.6	-3.2	-2.6	-2.2	-2.6	-2.7	-2.9	-3.0	-3.0	-1.9
26	-3.1	-3.0	-2.5	-3.0	-3.2	-2.8	-2.7	-2.8	-2.8	-2.9	-3.2	-3.3	-3.5	-3.6	-3.6	-3.6	-3.6	-3.7	-3.5	-3.4	-3.1	-3.2	-2.9	-2.9	-3.2	-2.5
27	-2.9	-2.6	-3.0	-2.6	-2.6	-2.7	-3.1	-3.0	-2.9	-2.6	-3.1	-3.3	-3.3	-3.5	-3.5	-3.6	-3.6	-3.5	-3.3	-3.0	-2.7	-3.1	-3.2	-2.9	-3.1	-2.6
28	-2.9	-2.7	-3.0	-3.1	-2.8	-2.8	-3.0	-2.9	-2.8	-2.7	-3.3	-3.4	-3.5	-3.3	-3.3	-3.4	-3.2	-2.9	-2.2	-2.8	-2.7	-2.7	-2.8	-2.3	-2.9	-2.2
29	-2.6	-3.0	-3.0	-2.8	-2.7	-2.7	-2.9	-2.6	-2.6	-3.0	-2.7	-3.4	-3.3	-3.3	-3.3	-3.5	-3.4	-2.1	-2.4	-1.9	-2.1	-2.3	-2.4	-2.6	-2.8	-1.9
30	-2.6	-2.6	-3.3	-3.0	-2.5	-2.6	-2.9	-2.9	-2.8	-2.8	-3.2	-3.4	-3.0	-3.2	-3.1	-3.3	-3.1	-2.2	-2.5	-3.4	-3.5	-3.4	-3.4	-2.7	-3.0	-2.2
31	-2.9	-3.1	-2.6	-2.6	-2.8	-2.6	-3.0	-2.8	-2.8	-3.2	-3.2	-3.0	-3.3	-3.3	-3.4	-3.3	-3.4	-3.2	-2.5	-2.8	-2.6	-2.5	-2.5	-2.9	-2.9	-2.5
AV	-3.1	-3.1	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.0	-3.1	-3.3	-3.4	-3.5	-3.6	-3.4	-3.0	-2.9	-2.9	-2.6	-3.0	-3.0	-3.0	-3.1	[ ]
SD	.3	.4	.3	.4	.4	.3	.3	.4	.3	.4	.4	.4	.3	.2	.1	.2	.2	.5	.6	.5	1.2	.4	.4	.4	.2	[ ]

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	8	8	8	8	8	8	9	9	9	11	12	12	12	12	12	12	12	9	8	8	8	8	7	7	9	12
2	7	7	7	7	7	7	7	6	6	8	10	11	12	12	13	9	8	6	12	6	8	7	7	7	8	13
3	7	7	7	6	6	6	7	7	8	10	12	12	11	11	10	9	6	6	6	6	6	6	6	6	8	12
4	6	6	6	6	6	6	6	9	8	7	7	8	10	11	10	10	10	9	9	9	8	8	7	6	8	11
5	6	6	6	6	6	6	6	6	6	6	8	11	11	11	11	8	8	8	6	6	6	6	6	6	7	11
6	6	6	6	6	6	6	6	6	6	8	10	11	12	14	11	8	7	4	3	4	4	5	6	8	7	14
7	3	7	6	4	4	4	4	7	7	8	8	8	8	8	9	10	10	10	10	9	10	14	11	9	8	14
8	5	5	5	4	5	5	5	5	8	8	8	7	8	7	7	8	4	4	7	8	8	8	6	5	6	8
9	4	4	4	4	9	5	6	6	6	7	7	9	11	11	11	11	8	8	8	8	8	7	7	6	7	11
10	6	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	8	9	8	9	7	12	12	8	12
11	9	10	8	9	11	10	10	11	8	8	8	8	8	16	13	11	9	10	11	7	7	7	6	6	9	16
12	6	6	6	6	6	6	8	7	7	8	9	9	9	9	9	8	8	8	9	5	8	7	6	6	7	9
13	6	6	6	6	6	6	6	7	7	7	8	9	9	9	9	9	7	7	7	7	7	6	6	6	7	9
14	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	6	7	9	9	9	8	6	6	7	9
15	6	6	6	6	6	7	7	6	6	8	10	10	10	10	9	8	6	6	6	8	6	6	6	6	7	10
16	6	5	5	6	5	5	5	6	6	7	9	9	10	10	11	12	10	6	6	7	9	7	7	7	7	12
17	7	7	7	7	7	7	8	8	8	9	10	11	11	12	12	11	10	10	10	10	11	9	7	7	9	12
18	7	7	7	7	7	7	8	7	9	10	10	10	10	11	11	8	6	6	6	6	9	8	7	7	8	11
19	7	6	5	6	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	8	8	8	7	7	6	7	8	8	8	7	5	6	7	8
20	6	8	6	5	7	10	9	9	8	8	8	8	8	8	8	8	8	8	8	8	7	7	6	5	8	10
21	5	6	7	6	5	4	4	7	8	8	7	8	8	8	8	7	6	3	3	4	5	6	6	7	6	8
22	7	7	7	7	7	8	8	9	10	12	13	10	10	10	9	9	8	7	6	7	6	6	6	6	8	13
23	6	6	6	6	6	6	6	6	8	9	9	9	8	7	7	6	4	3	4	6	7	7	7	7	7	9
24	7	7	7	8	6	6	6	7	7	7	7	7	7	7	7	6	6	6	10	9	11	10	10	10	8	11
25	11	12	11	11	11	11	10	7	7	6	7	5	5	6	6	6	7	7	7	7	6	6	6	6	8	12
26	5	5	5	5	5	6	6	6	6	6	8	8	8	8	7	8	8	7	7	7	7	7	6	6	7	8
27	6	6	6	6	7	6	6	7	7	10	10	10	10	10	10	9	7	6	6	7	10	6	6	6	8	10
28	5	5	5	5	5	5	5	5	6	8	8	9	14	15	10	8	7	6	6	6	6	6	7	7	7	15
29	7	8	15	10	8	8	8	10	11	9	11	10	10	10	10	12	11	12	13	11	11	12	7	5	10	15
30	5	7	7	7	8	7	6	7	7	7	10	14	14	16	15	14	14	6	6	8	7	10	11	11	9	16
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	6	7	7	6	7	7	7	7	7	8	9	9	10	10	10	9	8	7	8	7	8	7	7	7	8	[ ]
SD	1	2	2	2	2	2	2	1	1	1	2	2	2	3	2	2	2	2	2	2	2	2	2	2	1	[ ]

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	11	6	7	9	9	9	7	9	7	7	8	9	6	5	6	6	6	6	7	7	6	5	5	8	11
2	6	7	6	5	7	7	7	7	6	6	7	7	6	6	6	7	6	6	6	6	6	6	5	5	7	8
3	3	3	5	5	3	3	6	6	7	7	9	9	9	6	9	7	5	6	9	6	5	5	5	4	6	9
4	4	2	4	4	4	4	4	4	4	5	7	8	9	9	6	7	8	8	7	5	4	4	4	4	5	9
5	6	7	6	6	6	6	6	6	7	9	8	9	9	9	9	8	9	7	6	5	5	5	6	5	7	9
6	6	6	5	4	4	4	4	4	4	6	6	9	9	8	7	9	8	6	6	6	8	8	7	6	6	9
7	5	5	7	7	5	5	5	7	6	7	8	8	9	9	9	6	7	7	6	4	4	3	3	4	6	9
8	4	4	4	7	7	4	4	6	6	6	8	9	9	10	10	9	5	10	7	5	6	9	9	9	7	10
9	9	7	10	10	6	8	9	9	9	11	10	10	10	10	11	10	10	10	10	11	10	10	10	11	10	11
10	8	11	11	11	11	11	11	11	11	11	12	12	10	10	9	9	9	9	9	9	9	9	9	9	10	12
11	9	9	9	10	8	10	10	10	9	8	10	9	10	10	10	10	11	10	11	10	10	12	12	12	10	12
12	10	10	9	9	8	6	7	8	5	6	10	10	7	7	6	6	5	5	5	5	5	5	5	5	7	10
13	5	5	5	7	5	3	5	6	8	8	9	7	9	11	7	5	7	6	9	9	10	9	9	8	7	11
14	4	4	6	5	4	4	5	4	5	7	7	7	7	7	6	5	6	7	9	6	6	6	6	5	6	9
15	5	6	6	3	4	3	4	3	4	6	6	6	8	8	7	7	7	6	6	6	7	5	5	6	6	8
16	6	9	6	6	6	6	6	6	6	6	6	6	6	6	6	5	6	5	7	7	6	6	6	6	6	7
17	6	6	5	6	6	6	6	7	6	6	6	6	6	8	9	9	8	8	6	9	7	7	6	6	7	9
18	5	5	5	5	7	5	6	6	6	6	7	9	8	8	7	6	7	8	8	7	8	[IM]	[IM]	[IM]	7	9
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	6	8	8	[MT]	[MT]	[MT]	[MT]	5	6	7	7	7	7	7	7	8
20	6	7	6	6	6	6	7	6	7	7	7	7	6	7	7	6	6	6	8	9	6	8	6	6	7	9
21	8	8	8	8	8	9	8	8	8	8	8	8	9	9	9	9	9	10	8	10	6	7	7	6	8	10
22	6	6	6	6	6	6	6	6	7	10	10	11	11	9	9	6	6	6	6	4	5	5	5	5	7	11
23	5	7	7	7	6	6	6	6	6	9	9	9	9	9	10	7	7	7	7	7	7	8	8	6	7	10
24	6	6	6	6	6	6	6	6	6	6	6	7	7	9	9	9	10	7	6	5	7	9	9	9	7	10
25	9	9	10	8	9	11	11	10	9	9	6	7	9	9	7	9	9	9	9	9	9	7	8	9	9	11
26	8	7	6	6	7	6	6	6	6	8	9	9	10	9	9	9	9	9	7	7	7	9	9	9	8	10
27	6	6	8	6	6	6	7	7	8	8	9	9	9	9	10	10	10	9	9	9	9	9	6	8	8	10
28	7	6	6	6	6	6	6	6	6	6	6	6	9	9	9	8	8	11	11	10	9	10	9	5	8	11
29	7	7	7	7	7	7	6	7	7	9	9	9	11	10	10	7	6	6	7	7	7	7	7	7	8	11
30	7	8	7	8	8	8	8	8	8	9	9	9	9	9	9	7	8	6	6	7	7	6	5	7	8	9
31	7	3	6	5	6	7	11	9	8	7	6	9	12	16	10	10	7	5	7	6	7	7	5	5	8	16
AVE	7	7	7	7	6	6	7	7	7	7	8	9	9	9	8	8	6	6	6	7	7	7	7	7	7	[ ]
PEAK	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	1	2	2	2	2	2	1	[ ]

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	6	6	6	6	6	6	7	7	8	8	8	8	8	9	5	5	10	9	8	7	7	9	7	10
2	9	6	8	8	8	4	5	5	6	6	6	6	8	9	9	9	5	7	6	7	6	7	7	7	7	9
3	7	8	8	8	9	7	8	7	8	8	7	8	8	7	9	8	9	7	7	7	9	8	6	6	8	9
4	7	7	5	5	5	5	5	5	5	9	9	9	9	8	8	6	6	6	6	6	8	8	8	8	7	9
5	8	8	8	7	7	8	8	8	8	8	8	9	9	9	9	7	5	6	9	8	6	8	8	6	8	9
6	6	7	7	7	7	7	7	7	7	7	7	7	6	6	5	7	8	8	8	6	6	6	6	6	7	8
7	9	9	7	7	9	10	11	11	11	10	9	8	7	7	6	6	7	7	8	8	8	8	9	8	8	11
8	8	8	6	7	7	7	7	7	8	9	9	9	9	7	6	4	5	7	7	5	6	7	6	6	7	9
9	5	6	6	6	6	6	6	6	6	6	6	6	9	9	9	8	5	5	6	6	6	6	6	6	6	9
10	6	6	9	8	9	6	6	6	6	7	7	7	9	10	9	6	5	6	7	7	7	7	7	7	7	10
11	7	7	7	7	7	7	7	7	7	7	6	8	8	8	8	7	6	6	6	9	8	8	8	8	7	9
12	8	8	8	9	10	10	10	10	10	9	9	9	9	9	9	9	8	8	9	8	9	9	9	8	9	10
13	9	8	8	9	8	8	9	9	9	9	9	9	8	8	8	7	6	6	5	6	6	6	5	5	7	9
14	5	5	4	5	5	5	6	6	6	5	7	7	7	8	6	6	5	5	5	5	6	6	6	8	6	8
15	8	8	9	9	9	9	9	9	9	9	9	9	9	11	11	9	9	12	11	11	11	9	10	9	10	12
16	9	9	9	9	9	9	9	9	9	9	10	10	10	9	9	7	6	8	9	10	9	5	7	7	9	10
17	7	7	7	7	7	7	8	8	8	10	9	9	8	8	8	9	6	6	5	5	9	9	9	8	8	10
18	6	8	9	6	5	6	8	8	8	8	9	10	9	9	9	7	6	6	6	9	9	9	9	9	8	10
19	6	6	7	7	6	8	8	7	6	5	5	5	6	8	8	7	5	4	8	8	7	6	6	6	6	8
20	5	7	8	8	7	7	7	7	8	6	7	9	9	9	9	7	7	7	7	7	7	6	6	5	7	9
21	5	4	4	4	6	6	6	6	5	7	9	8	8	8	8	7	5	7	7	6	7	6	7	7	6	9
22	4	5	3	4	4	4	4	4	6	4	5	5	6	6	6	5	5	5	5	5	6	6	6	7	5	7
23	6	5	5	5	6	6	6	7	7	8	6	8	6	8	8	8	9	7	7	9	9	10	10	9	7	10
24	8	9	8	8	8	7	7	7	7	7	7	8	9	9	9	8	6	6	7	7	6	5	6	8	8	9
25	7	8	7	8	7	6	8	8	6	6	9	9	8	7	8	6	7	6	9	9	8	7	6	6	7	9
26	6	6	6	7	7	7	7	7	7	7	8	8	9	9	9	9	9	10	7	7	7	6	6	6	7	10
27	7	8	8	8	11	10	8	8	11	11	9	9	9	9	9	8	7	7	9	6	7	9	8	6	9	11
28	8	8	9	8	8	8	8	8	7	8	8	8	8	10	10	9	9	8	7	6	10	8	8	7	8	10
29	7	7	7	8	6	6	6	6	6	6	7	7	7	6	6	7	6	8	7	7	6	6	5	6	7	8
30	6	7	8	8	8	8	7	8	8	8	8	8	8	7	8	8	8	9	8	7	6	8	7	7	8	9
31	7	9	8	8	8	7	6	7	8	8	8	7	8	7	9	8	7	6	7	6	8	5	5	5	7	9
AV	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	7	7	7	7	7	8	7	7	7	7 [ ]	
SD	1	1	2	1	2	2	1	1	2	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1 [ ]	

IGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.44	.42	.42	.40	.40	.38	.40	.40	.40	.42	.46	.46	.50	.50	.50	.52	.52	.48	.48	.46	.46	.44	.44	.44	.44	.52
2	.44	.42	.42	.40	.40	.40	.40	.40	.40	.42	.46	.46	.50	.44	.40	.28	.14	.12	.48	.48	.48	.46	.44	.44	.40	.50
3	.42	.44	.42	.40	.40	.40	.40	.40	.42	.44	.44	.48	.50	.52	.36	.24	.16	.14	.22	.22	.14	.12	.12	.12	.34	.52
4	.10	.10	.10	.10	.10	.12	.12	.12	.10	.12	.14	.26	.36	.32	.38	.32	.14	.12	.12	.10	.12	.10	.10	.10	.16	.38
5	.10	.10	.10	.10	.10	.10	.10	.10	.12	.14	.22	.38	.42	.40	.34	.24	.14	.12	.12	.12	.12	.12	.12	.12	.16	.42
6	.12	.12	.12	.12	.12	.12	.12	.12	.18	.14	.22	.40	.38	.44	.48	.38	.20	.12	.22	.40	.28	.24	.34	.38	.24	.48
7	.52	.46	.38	.28	.18	.16	.18	.26	.26	.22	.32	.42	.46	.46	.74	.86	.64	.72	.80	.68	.64	.68	.46	.38	.46	.86
8	.18	.14	.14	.16	.14	.14	.16	.14	.18	.22	.24	.46	.50	.46	.32	.28	.16	.14	.12	.34	.30	.22	.16	.28	.24	.50
9	.22	.16	.16	.14	.32	.22	.28	.38	.36	.46	.58	.58	.62	.68	.52	.36	.22	.14	.14	.12	.16	.26	.32	.14	.32	.68
10	.14	.18	.12	.12	.10	.10	.10	.10	.10	.22	.36	.36	.46	.30	.32	.34	.36	.46	.68	.90	.62	.40	.72	.62	.34	.90
11	.69	.76	.76	.84	.78	.82	.84	.78	.54	.42	.58	.56	.70	.72	.68	.62	.60	.64	.62	.42	.30	.14	.12	.10	.58	.84
12	.10	.12	.10	.10	.10	.10	.10	.10	.10	.10	.36	.46	.50	.50	.52	.28	.14	.18	.16	.18	.16	.14	.10	.10	.20	.52
13	.10	.10	.10	.10	.10	.10	.10	.10	.10	.10	.24	.36	.40	.52	.38	.24	.14	.12	.12	.14	.12	.10	.10	.10	.18	.52
14	.10	.10	.10	.10	.10	.10	.10	.10	.10	.10	.22	.38	.38	.42	.28	.24	.14	.14	.14	.14	.10	.10	.10	.10	.16	.42
15	.10	.10	.12	.12	.10	.10	.10	.10	.12	.22	.28	.44	.52	.46	.42	.26	.20	.14	.14	.14	.12	.10	.10	.12	.20	.52
16	.10	.10	.10	.12	.10	.10	.10	.10	.12	.14	.22	.34	.44	.44	.42	.24	.14	.12	.12	.10	.14	.10	.10	.10	.18	.44
17	.14	.16	.12	.10	.12	.10	.10	.10	.10	.18	.16	.42	.50	.34	.26	.24	.12	.12	.12	.12	.12	.16	.12	.12	.18	.50
18	.20	.12	.12	.12	.12	.10	.10	.10	.10	.16	.30	.34	.34	.34	.56	.28	.24	.28	.22	.32	.12	.52	.36	.50	.24	.56
19	.32	.16	.10	.10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.70	.76	.58	.62	.66	.62	.54	.56	.60	.24	.10	.16	.26	.42	.76
20	.22	.20	.12	.18	.12	.10	.10	.04	.12	.22	.26	.24	.40	.38	.34	.32	.14	.08	.04	.08	.04	.04	.10	.10	.16	.40
21	.08	.04	.08	.10	.08	.04	.08	.04	.04	.16	.26	.46	.48	.50	.46	.34	.18	.10	.12	.18	.10	.10	.04	.04	.18	.50
22	.04	.10	.10	.10	.10	.10	.10	.10	.08	.04	.12	.34	.40	.46	.44	.26	.20	.14	.14	.14	.10	.08	.08	.04	.16	.46
23	.08	.10	.08	.10	.04	.10	.10	.04	.08	.08	.10	.36	.46	.42	.34	.22	.14	.10	.12	.10	.12	.10	.16	.14	.16	.46
24	.08	.08	.04	.10	.04	.10	.04	.10	.04	.04	.04	.16	.28	.36	.20	.14	.18	.16	.18	.32	.32	.34	.26	.26	.16	.36
25	.54	.64	.80	.86	.84	.86	.62	.52	.44	.34	.34	.50	.74	.58	.48	.28	.18	.12	.10	.10	.10	.14	.14	.08	.44	.86
26	.14	.12	.16	.12	.14	.14	.14	.14	.12	.12	.12	.14	.46	.34	.36	.38	.14	.12	.12	.12	.12	.12	.12	.12	.18	.46
27	.08	.10	.10	.10	.12	.12	.10	.10	.10	.08	.04	.10	.10	.14	.12	.10	.10	.12	.04	.04	.08	.12	.12	.06	.10	.14
28	.12	.10	.08	.12	.12	.12	.10	.10	.12	.12	.26	.26	.46	1.00	1.06	1.04	1.04	1.00	.96	.98	1.00	.92	.90	.98	.54	1.06
29	.92	.84	.66	.74	.76	.30	.22	.10	.16	.42	.56	.82	.88	.82	.84	.96	.94	.94	.94	.90	.78	.74	.58	.60	.68	.96
30	.74	.78	.84	.96	.88	.70	.56	.54	.54	.16	.30	.82	.88	.86	.86	.64	.74	.74	.84	.96	.92	.68	.72	.62	.72	.96
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.26	.24	.24	.24	.24	.22	.20	.20	.20	.20	.28	.42	.50	.50	.46	.38	.30	.28	.30	.34	.28	.26	.26	.26	.30	[ ]
SD	.23	.23	.23	.25	.25	.22	.19	.18	.15	.13	.15	.17	.16	.18	.20	.23	.26	.27	.28	.29	.26	.23	.22	.22	.17	[ ]

IGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

DECEMBER,1975

AEROVIRONMENT INC.

```
**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 11 APR 76   *
*                    *
**********************
*                    *
*     SUBJECT TO     *
*      REVISION      *
*                    *
**********************
```

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.40	.64	.84	.72	.54	.40	.34	.56	.76	.64	.66	.62	.56	.32	.24	.34	.18	.22	.12	.12	.14	.10	.08	.10	.40	.84
2	.14	.18	.12	.08	.12	.12	.04	.10	.10	.12	.10	.18	.24	.26	.30	.20	.18	.22	.12	.10	.10	.04	.08	.10	.14	.30
3	.08	.08	.08	.04	.04	.08	.08	.08	.04	.10	.14	.24	.32	.34	.32	.14	.10	.10	.14	.12	.10	.12	.12	.10	.12	.34
4	.12	.10	.12	.10	.12	.14	.10	.08	.12	.14	.18	.28	.28	.32	.24	.22	.14	.20	.14	.12	.12	.08	.10	.10	.16	.32
5	.08	.10	.08	.08	.04	.04	.08	.04	.04	.14	.18	.38	.24	.22	.24	.22	.16	.14	.10	.12	.12	.10	.14	.14	.14	.38
6	.12	.24	.14	.10	.04	.12	.12	.10	.10	.16	.18	.22	.32	.40	.28	.20	.16	.10	.14	.12	.14	.12	.12	.12	.16	.40
7	.10	.10	.12	.12	.12	.08	.08	.14	.12	.10	.20	.22	.24	.22	.28	.18	.18	.18	.18	.12	.14	.12	.14	.10	.14	.28
8	.10	.16	.10	.08	.08	.08	.08	.04	.10	.08	.10	.14	.24	.26	.26	.24	.14	.12	.14	.08	.14	.10	.08	.08	.12	.26
9	.04	.10	.04	.10	.10	.10	.04	.04	.10	.10	.04	.10	.18	.12	.10	.10	.10	.18	.18	.14	.10	.12	.10	.10	.10	.18
10	.10	.04	.04	.08	.04	.12	.14	.08	.10	.18	.22	.10	.20	.14	.18	.14	.12	.10	.14	.14	.10	.14	.10	.10	.12	.22
11	.10	.10	.12	.12	.12	.10	.12	.10	.16	.18	.28	.24	.26	.46	.40	.28	.36	.26	.14	.14	.14	.14	.16	.20	.20	.46
12	.10	.10	.10	.10	.10	.10	.12	.10	.12	.20	.22	.46	.48	.68	.72	.76	.84	.82	.78	.68	.54	.32	.32	.26	.38	.84
13	.22	.52	.48	.32	.20	.22	.18	.12	.20	.26	.82	.92	.88	.82	.82	.86	.58	.18	.56	.44	.66	.46	.24	.36	.48	.92
14	.32	.20	.52	.50	.14	.10	.20	.34	.56	.70	.78	.72	.74	.82	.76	.38	.14	.12	.10	.10	.10	.08	.04	.04	.36	.82
15	.04	.04	.10	.10	.10	.10	.08	.10	.10	.08	.12	.14	.14	.12	.10	.10	.10	.04	.12	.10	.10	.10	.10	.10	.10	.14
16	.10	.10	.08	.08	.10	.08	.12	.12	.08	.10	.14	.12	.12	.14	.14	.12	.12	.12	.10	.10	.12	.12	.12	.10	.12	.14
17	.12	.10	.12	.12	.10	.10	.12	.10	.12	.12	.12	.12	.12	.20	.18	.12	.12	.10	.10	.10	.12	.12	.12	.10	.12	.20
18	.10	.10	.12	.12	.12	.10	.12	.12	.10	.14	.14	.12	.12	.12	.14	.10	.12	.12	.12	.12	.10	.12	.12	.12	.12	.14
19	.12	.12	.10	.12	.10	.10	.08	.12	.12	.10	.12	.10	.12	.10	[IM]	[IM]	[IM]	.10	.12	.10	.12	.10	.10	.10	.10	.12
20	.12	.10	.08	.10	.10	.10	.08	.04	.04	.08	.10	.04	.12	.14	.14	.14	.08	.10	.08	.12	.10	.10	.10	.14	.10	.14
21	.14	.12	.12	.12	.12	.12	.14	.12	.12	.12	.12	.14	.14	.20	.18	.18	.12	.10	.04	.04	.08	.12	.08	.04	.12	.20
22	.12	.10	.12	.10	.04	.08	.10	.04	.08	.12	.14	.14	.14	.16	.16	.12	.14	.10	.10	.14	.10	.12	.12	.10	.12	.16
23	.12	.12	.04	.10	.10	.10	.12	.08	.12	.10	.12	.18	.34	.36	.38	.14	.10	.10	.12	.12	.12	.10	.14	.10	.14	.38
24	.10	.10	.08	.10	.12	.08	.08	.10	.10	.10	.14	.18	.34	.46	.36	.52	.30	.16	.20	.24	.14	.10	.26	.20	.20	.52
25	.12	.18	.14	.32	.18	.18	.14	.18	.20	.34	.70	.82	.74	.60	.54	.28	.34	.76	.68	.28	.16	.20	.18	.12	.34	.82
26	.10	.08	.04	.08	.10	.10	.08	.12	.10	.12	.24	.56	.60	.18	.12	.14	.14	.16	.10	.10	.12	.62	.66	.74	.22	.74
27	.20	.10	.10	.12	.12	.10	.16	.18	.20	.34	.52	.36	.60	.38	.40	.58	.46	.28	.32	.16	.22	.24	.14	.14	.26	.60
28	.12	.10	.10	.08	.10	.04	.10	.08	.10	.10	.14	.14	.30	.32	.22	.14	.10	.10	.14	.12	.10	.12	.10	.10	.12	.32
29	.10	.10	.12	.12	.08	.10	.14	.10	.10	.10	.12	.14	.14	.14	.18	.20	.10	.12	.12	.10	.12	.08	.10	.10	.12	.20
30	.12	.10	.12	.10	.10	.12	.10	.12	.10	.10	.12	.14	.14	.12	.20	.14	.12	.12	.22	.14	.10	.12	.14	.16	.12	.22
31	.12	.14	.14	.12	.12	.14	.14	.12	.12	.14	.14	.20	.32	.72	.70	.52	.52	.54	.20	.18	.16	.22	.24	.12	.26	.72
AV	.12	.14	.14	.14	.12	.12	.12	.12	.14	.18	.24	.29	.32	.32	.30	.26	.22	.20	.18	.16	.16	.16	.14	.14	.18	[ ]
SD	.07	.12	.16	.14	.09	.06	.05	.10	.14	.15	.21	.22	.21	.21	.20	.19	.17	.18	.17	.12	.12	.12	.11	.12	.10	[ ]

IGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JANUARY,1976

AEROVIRONMENT INC.

****
* *
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
* *
****

* *
* SUBJECT TO *
* REVISION *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	.12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.12	.12
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.12	.12	[IM]	[IM]	[IM]	[IM]	12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.12	.12
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.14	.10	.10	.10	.10	.12	.22	.24	.12	[IM]	.14	.24
6	[IM]	[IM]	[IM]	[IM]	.12	.12	.22	.12	.12	.12	[PF]	.10	[IM]	.20	.12	10	.10	.10	[IM]	.10	.10	.10	.10	.10	.12	.22
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.10	.12	.10	.10	.10	.10	.10	[IM]	[IM]	.12	.12	.10	[IM]	.10	.12
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.10	.12	.10	.10	10	.10	.12	[IM]	[IM]	[IM]	[IM]	[IM]	.10	.12
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.10	.12	.10	.22	.22	.10	.18	.26	.12	[IM]	[IM]	[IM]	[IM]	[IM]	.16	.26
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.12	.12	.10	.10	.10	.10	.10	.10	.10	.10	.10	.10	.12
12	[IM]	[IM]	[IM]	.12	.12	.10	.12	.10	[IM]	10	.12	[IM]	[IM]	.12	.12	.10	.20	.46	.70	.72	.76	.62	.46	.38	.30	.76
13	84	.92	.88	.80	.62	.52	.14	.10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.54	.92
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	.12	.12	[IM]	10	.10	10	[IM]	[IM]	[IM]	[IM]	[IM]	.10	.12
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.10	.10	.12	.10	.10	.12	.10	.12	.12	.12	[IM]	[IM]	[IM]	.12	.12
16	.12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.10	.12	.12	[IM]	.12	.12	.10	.12	[IM]	.12	.12	[IM]	[IM]	.12	.12
17	10	.10	.10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.10	.10	.10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	.10	.10
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[IM]	[IM]	[IM]	.10	.16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.14	.16
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	18	20	18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.18	20
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	16	22	.18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.20	.22
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.18	.18
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.20	.18	[IM]	[IM]	[IM]	[IM]	[IM]	.18	.28	.76	.70	.48	.42	.16	.38	.78
31	.24	.24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	24	20	[IM]	[IM]	[IM]	.24	.24
AV	.32	.34	.59	.46	.28	.24	.16	10	.12	.12	.12	.12	.12	.14	.12	.12	.14	.16	.20	.32	.28	.26	.22	.20	.18	[ ]
SD	.30	.34	.39	.34	.24	.19	.04	.01	.00	.01	.04	.03	.03	.04	.04	.03	.04	.10	.19	.28	.25	.20	.16	.11	.11	[ ]

DEW POINT
(DEGREES C.)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3	3	3	3	3	2	2	3	4	5	7	4	4	3	3	3	3	3	3	4	4	4	4	4	3	7
2	4	4	4	4	4	5	5	5	5	6	8	7	5	4	4	4	4	5	6	6	6	6	6	6	5	8
3	6	6	8	8	8	8	8	8	8	5	[MT]	4	4	4	3	3	4	5	4	4	5	5	5	5	6	8
4	5	5	5	6	7	8	8	8	8	7	8	7	7	6	5	7	7	7	7	7	7	7	7	7	7	8
5	8	9	9	10	11	11	11	11	10	8	9	10	10	8	8	7	8	9	9	9	9	9	9	10	9	11
6	10	11	11	11	11	12	12	12	12	10	9	10	8	8	7	8	9	10	9	9	10	10	9	10	10	12
7	10	11	11	11	11	13	13	13	12	11	10	10	9	8	8	8	9	9	9	9	10	10	10	10	10	13
8	10	11	11	12	13	13	13	13	13	12	12	12	11	12	12	12	12	14	14	13	13	14	15	14	13	15
9	15	16	16	16	16	16	16	15	15	10	-2	-2	-1	-1	-1	-1	0	0	0	0	0	0	1	1	6	16
10	2	1	1	1	2	2	2	2	2	3	3	3	3	4	3	2	3	2	2	3	3	3	2	2	2	4
11	2	2	2	3	3	3	4	4	3	3	3	3	4	4	4	4	4	3	3	3	4	3	3	3	3	4
12	3	3	4	3	4	5	5	6	6	6	6	4	4	4	4	4	5	5	5	5	4	4	4	5	5	6
13	5	5	5	5	5	6	6	6	6	6	6	5	5	5	4	4	3	4	3	3	4	4	5	5	5	6
14	5	5	6	5	7	7	7	7	7	6	6	5	4	4	3	4	5	5	4	4	4	5	5	5	5	7
15	6	6	7	7	7	7	8	8	7	7	5	4	4	5	4	4	4	6	5	5	6	6	6	6	6	8
16	6	6	7	7	8	8	8	8	8	8	6	6	6	6	5	6	6	7	7	7	7	7	7	8	7	8
17	9	9	9	9	9	10	10	10	10	9	9	8	8	7	8	9	11	11	11	11	11	11	12	12	10	12
18	11	11	10	11	12	12	13	13	12	12	11	13	13	12	12	12	13	13	12	13	13	14	14	14	12	14
19	14	13	13	14	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	-5	1	3	4	5	5	5	6	6	6	6	6	6	6	14
20	7	7	8	7	7	8	8	8	8	8	9	10	10	9	9	9	10	10	10	10	11	11	11	11	9	11
21	11	11	10	10	9	9	8	9	8	4	5	5	5	6	5	6	7	7	7	7	6	7	6	6	7	11
22	7	8	8	8	8	7	8	8	8	8	9	8	9	9	9	8	9	9	9	10	9	9	9	10	9	10
23	10	10	10	[RF]	6	8	6	7	9	10	[RF]	[RF]	8	11	[RF]	9	9	10	10	10	9	9	10	10	9	11
24	10	10	10	8	7	7	8	8	7	7	8	10	10	8	5	6	5	6	7	7	6	4	4	4	7	10
25	4	4	4	3	3	3	2	3	2	3	3	2	2	1	4	5	6	7	5	2	2	0	4	6	3	7
26	8	9	8	7	7	7	7	7	7	7	8	8	8	8	8	10	11	11	11	11	11	10	10	10	9	11
27	9	9	9	9	9	9	9	9	9	10	9	10	10	10	10	10	10	11	11	11	10	10	10	10	10	11
28	11	10	10	10	10	10	10	11	10	9	9	9	9	9	9	10	10	10	10	10	10	10	10	10	10	11
29	10	10	10	10	10	10	10	10	11	10	10	9	10	9	9	10	10	10	9	8	8	8	8	9	10	11
30	9	9	8	9	9	9	9	9	9	9	9	9	8	8	9	8	9	9	9	9	9	9	9	9	9	9
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	8	8	8	8	8	8	8	8	8	8	7	7	7	6	6	7	7	7	7	7	7	7	7	8	7	[ ]
SD	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	4	3	3	3	[ ]

DEW POINT
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9	9	9	9	10	10	10	10	10	9	9	8	7	6	5	4	4	4	4	4	4	4	4	5	7	10
2	5	4	5	5	3	6	7	8	[IM]	[IM]	[IM]	8	[IM]	5	4	4	3	4	4	4	4	4	4	4	5	8
3	3	[IM]	[IM]	8	7	[IM]	6	6	6	6	6	7	5	8	7	6	6	6	6	5	5	6	6	5	6	8
4	5	6	7	7	7	7	8	8	7	7	6	6	6	5	5	4	4	4	4	4	5	5	5	5	6	8
5	5	6	6	6	6	7	7	7	6	6	6	6	6	6	6	6	6	7	7	6	6	7	6	7	6	7
6	7	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	8	8	8	8	7	8	8	8
7	8	8	7	7	7	7	7	8	8	7	8	8	8	9	9	9	9	9	9	9	9	9	9	9	8	9
8	9	9	9	9	9	10	9	10	10	10	10	10	10	10	11	11	12	12	11	10	10	10	10	10	10	12
9	9	10	10	10	10	10	11	11	11	11	12	12	11	11	11	11	10	11	10	10	9	9	9	9	10	12
10	9	9	10	10	10	10	11	10	11	10	11	11	11	11	11	11	12	12	11	11	11	11	11	10	11	12
11	11	11	11	11	12	12	12	12	12	12	12	12	12	12	13	13	13	13	12	11	12	12	11	11	12	13
12	11	11	11	12	11	11	12	13	13	13	12	12	12	12	10	10	10	11	10	10	10	11	10	11	11	13
13	10	11	11	11	11	11	12	13	12	12	11	11	12	12	10	10	11	11	9	10	9	9	10	10	11	13
14	10	9	9	9	10	10	10	11	11	10	11	11	11	11	11	10	11	11	11	11	11	11	11	11	11	11
15	10	10	11	10	10	9	10	10	11	11	8	9	11	12	13	13	13	13	13	12	12	11	10	10	11	13
16	10	10	10	11	11	12	12	11	11	11	11	11	[IM]	10	10	10	10	11	8	[IM]	[IM]	10	11	11	11	12
17	11	11	11	11	11	11	11	11	11	11	12	12	12	12	12	12	13	11	11	11	11	11	11	11	11	13
18	11	11	11	11	11	11	11	12	12	12	12	13	13	13	[IM]	[IM]	-12	-19	-13	-15	-15	-17	-18	-21	2	13
19	-19	-19	-19	-20	-20	-19	-19	-19	-19	-18	-16	-14	-12	-9	-7	-7	-12	-14	-13	-15	-15	-15	-15	-15	-15	-7
20	-15	-15	-15	-16	-15	-15	-15	-15	-14	-13	-12	-11	-10	-8	-7	-7	-10	-11	-11	-11	-12	-12	-12	-13	-12	-7
21	-12	-12	-12	-12	-12	-11	-10	-10	-9	-9	-9	-8	-6	-5	-4	-4	-7	-8	-7	-8	-8	-7	-8	-9	-9	-4
22	-10	-10	-9	-9	-8	-8	-8	-8	-8	-8	-7	-6	-6	-5	-4	-3	-6	-7	-8	-8	-8	-7	-8	-8	-7	-3
23	-8	-8	-7	-7	-7	-7	-6	-6	-6	-5	-5	-3	-3	-2	-2	-2	-5	-6	-6	-6	-6	-6	-6	-7	-6	-2
24	-7	-7	-7	-7	-7	-7	-7	-7	-7	-6	-5	-5	-4	-3	-4	-4	-5	-5	-5	-5	-5	-5	-5	-6	-6	-3
25	-5	-5	-5	-5	-5	-6	-6	-6	-6	-5	-5	-5	-5	-5	-4	-3	-5	-6	-6	-6	-6	-5	-5	-5	-5	-3
26	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-4	-4	-3	-2	-3	-3	-4	-3	-3	-3	-3	-3	-4	-4	-4	-2
27	-4	-5	-4	-5	-5	-5	-5	-4	-3	-3	-2	0	2	2	2	1	0	-1	-3	-4	-4	-4	-4	-4	-3	2
28	-4	-5	-5	-5	-5	-4	-4	-4	-2	-2	-2	-2	-1	-2	-1	-1	-3	-3	-3	-3	-3	-3	-3	-3	-3	-1
29	-3	-3	-3	-3	-3	-3	-3	-2	-1	-1	-2	-1	-1	-1	-2	-3	-2	-2	-2	-2	-2	-2	-2	-2	-2	-1
30	-2	-1	-2	-2	-2	-1	-2	-1	0	0	-2	-11	-9	-7	-10	-12	-11	-10	-8	-8	-7	-7	-7	-7	-5	0
31	-7	-7	-7	-7	-8	-8	-9	-9	-9	-9	-9	-10	-10	-10	-9	-9	-11	-11	-9	-10	-10	-11	-13	-12	-9	-7
AV	2	2	2	2	2	2	2	3	3	3	3	3	3	4	3	3	2	2	2	1	1	1	1	1	2	[ ]
SD	9	9	9	9	9	9	9	9	9	9	8	8	6	7	7	7	9	9	6	9	9	9	9	9	8	[ ]

DEW POINT
(DEGREES C.)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-12	-12	-12	-13	-13	-13	-13	-13	-13	-13	-13	-13	-12	-11	12	-11	-11	-12	-12	-13	-15	-15	-15	-16	-12	12
2	-16	-16	-16	-16	-17	-17	-17	-17	-17	-16	-15	-15	-12	-12	-11	-12	-12	-13	-15	-15	-16	-16	-16	-16	-15	-11
3	-16	-16	-16	-17	-17	-17	-17	-17	-17	-17	-17	-16	-15	-13	-12	-12	-12	-12	-15	-15	[IM]	[IM]	[IM]	[IM]	-15	-12
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	-9	-7	-5	-4	-5	-6	-8	-8	-9	-10	-10	-12	-12	-8	-4
21	-13	-13	-13	-14	-14	-14	-14	-14	-14	-12	-11	-9	-7	-4	-2	-1	-3	-8	-9	-10	-11	-11	-12	-13	-10	-1
22	-13	-13	-13	-13	-13	-14	-14	-14	-13	-12	-11	-9	-7	-6	-3	-2	-4	-8	-9	-10	-10	-11	-11	-11	-10	-2
23	-12	-12	-12	-12	-12	-13	-13	-13	-12	-11	-13	-8	-6	-5	-5	-5	-5	-5	-5	-5	-5	-5	-4	-5	-8	-4
24	-5	-5	-5	-5	-5	-5	-5	-5	-4	-3	-3	-3	-2	-1	-1	-2	-2	-3	-4	-5	-5	-5	-5	-4	-4	-1
25	-4	-4	-4	-4	-4	-4	-4	-3	-3	-3	-2	-2	-3	-3	-3	-3	-5	-3	-2	-2	-2	-3	-3	-4	-3	-2
26	-4	-4	-3	-3	-3	-3	-3	-3	-3	-2	-3	-2	-1	-2	-3	-3	-3	-4	-3	-4	-4	-3	-4	-3	-3	-1
27	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-2	-1	0	-1	0	-2	-1	-1	-1	-2	-2	-2	-2	-2	-2	0
28	-3	-2	-3	-2	-3	-3	-3	-3	-3	-3	-2	-2	-2	-1	-2	-4	-5	-6	-7	-8	-8	-8	-8	-9	-4	-1
29	-8	-9	-9	-9	-10	-10	-10	-10	-10	-8	-6	-4	-3	-4	-5	-6	-5	-6	-6	-7	-7	-8	-6	-9	-7	-3
30	-10	-10	-10	-11	-11	-11	-11	-11	-10	-9	-7	-4	-2	-3	-4	-3	-4	-4	-5	-4	-5	-5	-7	-8	-7	-2
31	-7	-7	-8	-9	-9	-10	-11	-11	-10	-6	-6	-6	-5	-5	-5	-4	-5	-5	-6	-6	-6	-7	-8	-10	-7	-4
AV	-9	-9	-9	-9	-10	-10	-10	-10	-9	-8	-8	-7	-6	-5	-3	-5	-6	-7	-7	-8	-8	-8	-8	-9	-8	[ ]
SD	5	5	5	5	5	5	5	5	5	5	5	5	4	4	5	4	3	3	4	4	4	4	4	4	4	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
SD	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[PF]	[PF]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[MT]	[MT]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[MT]	6.0	2.5	5.0	7.5	10.5	8.0	5.0	6.0	5.0	4.5	3.5	6.0	10.5
28	3.5	3.0	4.0	3.0	2.5	2.5	2.5	3.0	2.5	2.5	3.0	3.0	6.0	5.0	3.0	2.5	2.5	3.5	4.0	6.0	3.5	1.5	1.5	3.5	3.0	6.0
29	3.0	3.5	3.5	2.0	2.0	1.5	1.0	1.5	1.5	2.0	2.5	3.5	3.5	5.0	5.0	4.0	3.0	2.5	3.0	1.5	2.5	1.0	2.0	2.0	2.5	5.0
30	1.5	2.5	2.0	2.0	2.5	2.0	4.5	4.5	2.5	2.0	3.0	4.5	4.5	7.0	10.0	6.5	3.5	2.5	3.5	4.0	6.0	6.0	7.5	7.5	4.5	10.0
31	9.5	8.5	5.5	4.0	5.0	6.0	6.5	6.5	5.5	6.0	7.0	7.5	8.0	7.0	9.0	7.5	13.0	12.5	5.0	7.5	5.5	8.5	8.0	6.5	7.5	13.0
AV	4.5	4.5	4.0	3.0	3.0	3.0	3.5	4.0	3.0	3.0	4.0	4.5	5.5	6.0	6.0	5.0	6.0	6.5	4.5	5.0	4.5	4.5	4.5	4.5	4.5	[ ]
SD	3.0	2.4	1.2	.8	1.2	1.8	2.1	1.8	1.5	1.7	1.8	1.7	1.7	.9	3.1	1.8	4.0	4.3	1.8	2.0	1.4	2.8	2.7	2.1	1.7	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4.0	6.5	7.0	3.5	4.5	2.0	2.0	2.5	2.5	2.5	2.5	3.0	3.5	5.0	3.0	3.5	3.5	5.5	4.5	3.0	1.5	3.5	4.0	3.5	3.5	7.0
2	4.5	4.5	5.0	4.5	4.0	2.5	3.5	3.0	2.0	1.5	2.5	3.0	3.0	3.0	3.0	6.0	6.0	3.0	2.0	2.0	1.5	3.0	2.0	3.0	3.5	6.0
3	2.0	2.0	3.0	1.5	2.5	2.5	3.0	2.5	2.5	2.5	2.5	3.0	3.5	4.0	4.0	4.0	4.5	4.0	1.5	1.5	1.5	2.5	3.0	3.0	3.0	4.5
4	1.5	1.5	1.5	2.0	1.0	1.5	2.5	2.5	1.5	3.5	2.5	3.5	7.0	4.5	3.5	3.0	2.5	4.0	4.5	1.0	1.5	2.5	1.5	1.5	2.5	7.0
5	1.5	2.0	2.5	1.5	2.0	3.5	3.0	2.5	3.0	2.5	2.5	3.0	3.5	3.0	2.5	3.5	2.0	4.0	2.5	2.5	6.5	3.5	5.0	3.5	3.0	6.5
6	1.5	3.0	2.5	2.5	3.0	3.0	4.5	2.5	2.5	3.0	[PF]	2.5	3.0	7.5	6.5	5.5	4.5	4.0	4.0	5.0	2.0	3.0	2.5	4.0	3.5	7.5
7	3.5	4.5	5.0	6.0	4.5	4.0	2.0	2.5	2.5	1.5	3.0	3.0	2.5	2.0	2.5	2.5	1.5	2.5	2.5	2.5	2.5	1.5	1.5	2.0	3.0	6.0
8	2.5	1.5	2.0	2.0	2.0	1.5	2.0	2.5	2.5	2.0	2.5	3.0	3.5	3.5	3.5	5.5	4.5	2.5	3.0	3.0	2.0	2.0	2.5	1.5	2.5	5.5
9	2.5	2.5	1.5	1.5	1.5	1.5	2.5	2.0	1.5	2.0	2.5	3.0	2.5	3.5	2.5	4.0	2.5	3.0	4.0	3.5	2.0	3.5	2.0	1.5	2.5	4.0
10	1.5	1.5	1.5	2.5	2.0	3.0	3.0	3.0	3.0	3.0	3.5	2.5	3.0	4.0	6.0	3.5	1.5	2.5	5.0	3.5	2.0	4.0	1.5	2.5	3.0	6.0
11	4.0	3.0	3.0	1.5	2.5	5.0	1.5	2.0	2.5	2.0	2.5	3.5	3.5	4.5	4.0	2.5	1.0	3.0	3.5	1.5	1.5	1.0	1.0	1.0	2.5	5.0
12	2.5	3.0	2.0	2.5	1.5	2.5	3.5	2.5	1.5	1.5	2.5	2.5	3.5	4.5	4.5	7.0	8.5	9.0	10.5	12.0	12.5	10.0	9.0	11.5	5.5	12.5
13	18.0	21.0	16.3	15.0	9.5	5.0	3.5	4.0	5.0	4.0	2.5	2.5	2.5	5.5	5.0	3.0	3.5	4.0	5.0	4.5	5.0	6.0	6.5	7.0	7.0	21.0
14	4.0	2.0	3.0	2.0	2.0	3.0	2.5	2.5	2.0	2.5	3.5	2.5	3.0	3.5	3.0	4.0	5.0	3.5	5.0	3.0	2.5	2.5	2.0	2.0	3.0	5.0
15	2.5	2.0	3.0	3.0	2.0	3.0	3.0	3.0	2.0	4.0	2.5	3.5	5.0	5.0	3.5	3.0	1.0	2.5	3.0	4.0	5.0	2.5	5.0	3.5	3.0	5.0
16	4.0	3.0	3.0	2.0	3.0	2.5	2.5	3.0	2.5	3.5	3.0	3.0	4.0	4.5	3.5	4.5	2.5	6.5	3.0	2.0	3.0	3.0	2.0	3.5	3.0	6.5
17	2.0	1.0	1.0	1.5	2.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	4.5	4.5	5.5	4.0	4.0	5.0	2.0	2.5	3.0	1.5	1.0	2.5	2.5	5.5
18	2.0	1.5	1.0	1.0	1.5	1.5	1.5	1.5	1.5	2.5	2.0	2.5	3.5	3.5	4.0	3.0	15.5	4.5	3.5	4.0	4.0	6.5	9.0	7.5	3.5	15.5
19	10.0	7.0	7.5	10.5	8.0	2.5	3.5	2.5	2.0	2.0	2.5	3.0	4.0	6.0	6.0	6.5	3.5	3.0	3.0	4.0	3.0	2.0	1.5	3.0	4.5	10.5
20	3.5	2.5	4.0	4.0	2.0	3.5	2.0	2.5	2.0	2.5	2.5	3.0	4.5	5.0	5.5	6.5	5.0	5.0	5.0	2.5	2.0	2.0	1.5	2.5	3.5	6.5
21	1.5	2.5	2.5	3.0	3.0	3.0	3.0	2.0	2.0	2.5	2.5	3.0	3.5	3.5	4.0	5.0	3.5	4.0	5.0	2.5	2.0	2.0	2.5	3.0	3.0	5.0
22	2.0	2.0	1.5	3.0	2.5	1.5	1.5	1.5	1.0	2.0	2.5	3.0	3.5	5.0	6.5	6.0	4.0	5.5	5.0	3.5	2.5	2.0	1.5	2.5	3.0	6.5
23	2.0	2.0	2.0	1.5	1.0	1.5	2.5	1.5	1.5	2.0	6.0	4.5	5.0	3.5	4.0	5.0	3.5	5.0	2.5	3.0	1.5	2.0	4.0	5.0	3.0	6.0
24	4.0	2.0	3.0	5.5	3.0	1.0	3.5	1.5	3.0	4.0	4.0	5.5	4.5	6.0	5.5	4.5	4.5	3.0	3.5	3.5	5.5	5.0	5.5	4.5	4.0	6.0
25	3.0	3.0	4.0	2.0	2.5	3.5	2.5	3.0	1.5	1.5	2.5	3.0	5.5	4.0	8.0	11.5	5.0	5.0	7.5	4.0	2.5	2.0	1.5	2.0	4.0	11.5
26	4.0	4.5	4.5	4.0	5.0	3.5	5.5	5.5	2.5	3.0	3.0	2.5	5.5	8.0	5.0	4.5	2.5	8.5	5.0	2.5	3.0	6.0	3.0	5.0	4.5	8.5
27	3.0	1.5	2.5	2.0	2.0	2.5	3.0	2.0	2.5	2.0	3.0	3.0	4.0	6.0	4.0	7.5	7.5	4.0	4.5	[RF]	3.0	3.0	3.0	2.5	3.5	7.5
28	3.0	2.5	3.5	4.0	3.5	2.0	3.0	3.0	2.5	2.0	4.5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	3.0	2.5	3.0	4.5
29	1.5	2.0	1.5	2.0	1.5	2.0	2.0	2.0	1.5	2.0	2.5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	2.0	2.5
30	2.5	2.5	2.0	3.0	2.5	2.0	2.0	2.0	2.5	3.0	4.5	3.5	3.0	6.0	4.5	3.5	3.5	3.0	21.0	19.0	20.0	14.0	10.5	10.0	6.5	21.0
31	8.5	6.0	3.0	1.5	3.0	3.5	4.0	3.5	3.5	3.0	[RF]	[RF]	[RF]	3.5	6.0	5.0	7.0	9.5	[RF]	3.5	3.5	[RF]	[RF]	3.0	4.5	9.5
AV	3.5	3.5	3.5	3.5	3.0	2.5	3.0	2.5	2.5	2.5	3.0	3.0	4.0	4.5	4.5	4.5	4.5	4.5	4.5	4.0	3.5	3.5	3.5	3.5	3.5	[ ]
SD	3.2	3.5	2.8	2.9	1.8	1.0	.9	.8	.8	.7	.8	.6	1.0	1.3	1.4	1.9	2.8	1.9	3.6	3.5	3.8	2.7	2.5	2.4	1.1	[ ]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV PEAK
1	230	355	245	10	20	310	190	115	335	335	320	65	40	30	25	35	65	110	110	95	90	0	275	275	2
2	235	245	90	285	240	335	320	10	330	10	15	45	20	345	355	350	60	355	340	315	300	285	325	245	16
3	165	110	300	105	140	125	340	260	355	10	350	325	45	10	20	320	275	265	305	0	345	290	245	255	1
4	110	130	95	175	115	80	20	285	55	350	355	295	55	345	285	130	320	70	80	70	10	290	270	225	5
5	230	135	175	145	130	335	325	5	315	35	0	345	330	300	325	355	280	315	270	40	45	120	355	355	[VA]
6	40	340	0	70	50	325	110	295	20	10	340	230	225	200	185	290	345	170	115	115	5	280	245	195	16
7	105	270	240	270	140	205	25	350	350	255	195	165	335	215	130	100	315	200	35	225	160	275	215	245	12
8	180	75	295	200	145	135	160	210	335	235	155	220	240	250	260	270	225	165	225	145	285	275	245	50	11
9	250	215	185	70	55	355	330	250	250	205	210	255	225	240	220	170	195	170	240	170	70	210	70	220	11
10	165	245	275	310	185	255	200	220	200	110	200	155	295	0	315	240	165	300	145	230	200	10	215	285	10
11	195	290	205	205	245	240	220	250	340	260	[VA]	265	210	190	150	280	205	230	260	320	260	115	265	215	13
12	200	170	300	280	240	210	185	285	190	175	230	220	240	270	320	255	270	315	290	275	45	260	170	255	13
13	230	100	250	160	130	195	160	30	220	235	230	245	330	295	270	240	245	185	150	300	300	340	275	235	12
14	190	265	210	285	75	255	190	140	275	205	240	220	255	270	145	235	265	255	225	275	290	265	220	200	12
15	145	320	170	160	225	170	50	170	220	225	220	205	275	220	260	230	330	180	175	225	240	100	230	145	11
16	245	230	160	130	180	130	260	250	225	185	200	195	255	200	190	210	315	350	260	120	160	150	235	20	10
17	265	235	320	300	135	270	250	260	245	195	250	255	215	240	280	210	120	350	300	290	180	250	115	10	13
18	250	270	190	340	240	180	230	195	220	215	240	235	255	245	245	175	270	180	345	235	270	200	230	210	[VA]
19	210	130	175	295	320	180	215	185	145	85	15	335	290	230	330	210	240	215	250	200	215	130	270	185	11
20	230	185	95	275	40	275	260	215	215	220	225	205	225	215	280	280	250	200	15	275	285	290	255	140	11
21	125	245	240	200	115	285	280	285	290	205	210	285	240	270	240	220	150	325	345	250	195	305	240	200	12
22	150	50	265	185	145	120	185	85	220	220	170	185	240	210	200	210	20	225	270	130	270	0	255	110	9
23	15	[VA]	300	330	290	285	175	285	235	210	225	220	270	180	290	200	160	70	215	180	330	255	240	100	11
24	235	155	35	290	245	245	225	210	205	215	215	205	240	155	245	225	100	120	200	180	135	285	270	270	11
25	195	230	190	335	180	285	355	260	350	240	210	35	25	275	200	225	20	225	265	215	65	280	225	160	11
26	295	235	215	215	160	5	250	120	105	220	245	150	225	220	225	265	260	255	285	85	80	15	275	265	11
27	275	330	300	230	195	10	135	35	235	225	325	180	240	250	215	230	95	210	305	205	195	95	75	245	11
28	315	280	230	285	310	180	340	215	35	225	245	305	190	320	345	295	235	65	115	165	65	45	60	240	15
29	230	315	220	275	225	30	30	330	225	235	185	60	70	70	75	160	185	250	315	205	265	210	205	185	11
30	265	255	210	225	145	60	145	165	115	60	200	175	250	190	70	325	235	275	235	30	260	110	215	200	11
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
PV	11	[VA]	9	14	7	9	9	13	11	[VA]	11	[VA]	12	12	13	11	13	11	13	11	13	13	12	12	12

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	195	195	215	45	220	280	245	215	285	270	220	240	275	315	290	220	310	275	245	160	170	255	170	120	11	
2	115	170	180	215	250	325	275	200	95	[PF]	[PF]	185	130	270	325	260	180	135	260	260	320	310	295	355	13	
3	335	310	275	305	105	0	105	280	170	200	210	245	300	195	200	240	175	170	10	20	265	255	230	25	10	
4	130	60	5	255	275	40	260	40	15	220	220	200	215	270	165	190	225	220	280	290	290	10	250	245	[VA]	
5	90	220	80	175	230	230	320	305	210	170	235	185	215	220	165	260	215	40	265	275	265	245	300	220	11	
6	180	330	285	265	190	100	210	270	245	230	210	245	285	295	265	260	240	270	140	200	245	175	295	280	13	
7	255	250	210	30	210	210	300	345	350	210	245	185	265	205	230	190	215	185	255	195	295	230	115	200	10	
8	255	45	200	200	100	110	140	240	225	220	250	250	190	250	215	210	300	270	290	255	245	130	295	15	12	
9	265	205	150	345	80	305	255	200	200	190	225	280	245	160	230	230	180	205	215	235	260	275	170	40	11	
10	175	245	145	145	230	255	270	260	215	195	185	160	260	225	225	210	175	130	80	265	220	245	200	200	[VA]	
11	225	320	325	320	210	135	195	345	0	155	210	305	185	195	150	235	200	130	205	70	235	25	240	235	10	
12	270	195	280	255	105	85	190	280	280	290	240	200	270	265	185	250	260	280	330	295	350	335	285	45	13	
13	255	60	195	0	275	225	165	205	135	175	215	175	25	125	40	225	245	330	205	210	170	235	300	15	10	
14	20	230	20	250	265	230	235	225	220	195	170	165	210	230	190	145	80	5	170	220	275	190	105	355	11	
15	310	310	350	100	10	70	210	165	165	175	195	210	170	205	215	170	175	120	205	150	0	70	160	250	9	
16	10	175	173	350	260	20	115	95	35	215	205	195	185	210	240	235	270	220	335	345	180	160	265	120	9	
17	295	215	20	310	255	200	225	245	100	205	230	195	175	240	190	225	270	0	230	225	230	335	90	135	11	
18	110	315	145	225	10	175	145	285	70	240	270	220	200	240	220	215	295	130	340	230	235	340	270	265	11	
19	75	5	265	250	20	210	150	50	285	200	205	220	220	200	[VA]	320	245	180	30	0	300	315	95	270	10	
20	155	90	315	25	45	355	100	170	195	190	225	190	170	210	190	215	55	[VA]	295	165	50	185	200	80	[VA]	
21	205	150	235	45	190	310	220	165	130	225	220	105	215	220	210	245	[MI]	[MI]	75	300	270	230	85	355	11	
22	10	350	20	345	345	235	70	330	180	200	210	225	235	230	230	255	225	350	35	[VA]	275	40	165	330	11	
23	70	305	115	230	60	325	355	60	30	205	200	190	225	290	320	195	295	35	20	355	295	35	320	20	[VA]	
24	30	40	30	45	140	190	0	240	180	210	170	60	5	325	320	325	300	230	325	15	5	280	185	20	[VA]	
25	220	205	160	320	175	5	100	0	80	270	310	350	295	250	250	215	300	335	300	315	350	70	100	140	15	
26	180	165	35	110	0	45	30	80	50	175	180	205	210	290	0	285	30	345	175	160	165	300	325	230	9	
27	10	20	[VA]	345	10	25	25	20	355	190	205	160	[MI]	275	280	250	335	10	355	0	335	350	10	5	1	
28	20	270	285	20	70	175	45	50	125	190	190	195	240	270	250	260	355	30	50	30	0	35	355	50	2	
29	70	65	75	50	340	355	85	55	200	160	190	205	290	255	310	230	20	30	355	305	45	45	20	40	3	
30	80	105	55	100	135	100	25	335	230	125	195	190	230	5	295	250	330	35	0	50	50	50	65	65	3	
31	60	65	60	50	40	300	290	290	275	270	275	275	280	285	345	340	25	45	75	40	40	55	45	40	3	
PV	12	10	2	3	[VA]	11	11	13	10	10	10	[VA]	11	13	11	12	14	7	1	[VA]	13	[VA]	14	2	10	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JANUARY,1976

AEROVIRONMENT INC.

```
**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 11 APR 76   *
*                    *
**********************
*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
**********************
```

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	70	70	50	55	60	15	5	45	335	310	265	210	165	85	45	305	355	20	15	50	25	340	45	55	3	
2	55	40	70	60	60	15	30	55	245	180	160	160	230	295	250	350	315	320	345	170	325	290	340	270	15	
3	20	55	40	10	40	50	80	20	85	85	165	160	195	340	270	255	315	25	315	355	300	210	15	40	2	
4	330	215	55	60	335	25	65	345	65	250	35	230	315	355	300	310	235	15	40	320	215	40	25	320	16	
5	115	140	30	185	240	100	5	205	215	190	185	220	225	150	220	5	250	335	160	225	275	230	20	340	11	
6	65	335	350	30	55	50	15	355	5	240	[PF]	205	245	355	335	270	325	30	35	325	[VA]	335	330	20	2	
7	20	35	30	35	50	60	265	200	325	205	205	170	170	170	155	180	300	45	15	280	50	160	170	225	9	
8	5	110	50	185	170	30	200	205	185	230	205	195	200	220	230	10	315	330	30	45	20	0	5	270	10	
9	350	350	330	230	[VA]	160	5	30	150	190	165	200	210	180	195	15	280	[VA]	0	30	70	25	255	315	1	
10	260	65	260	170	95	45	300	250	295	190	150	110	165	215	255	225	270	215	15	45	[VA]	215	245	20	13	
11	55	345	45	295	45	50	110	355	70	165	180	230	215	215	200	180	300	40	20	310	35	130	115	330	3	
12	180	60	200	130	150	70	35	5	270	215	225	220	195	265	310	330	290	255	250	260	300	280	290	265	13	
13	255	265	275	265	260	215	310	45	30	0	180	170	190	270	255	230	110	30	50	30	40	45	50	50	3	
14	10	125	355	240	60	15	295	125	0	175	205	225	180	190	255	270	10	35	15	30	285	355	[VA]	15	2	
15	330	320	45	205	30	275	255	35	340	240	230	195	265	270	210	215	295	320	330	270	[VA]	35	0	255	13	
16	120	70	[VA]	[VA]	330	300	245	240	215	210	160	185	300	245	180	210	225	20	330	255	45	315	330	40	12	
17	115	45	235	275	85	105	120	55	35	185	190	215	260	215	215	215	170	285	315	[VA]	315	95	225	40	11	
18	30	85	160	60	40	75	190	30	195	195	165	190	100	215	235	320	0	240	[VA]	345	30	135	120	65	9	
19	55	35	35	55	5	300	45	85	165	175	170	180	220	335	340	345	270	325	30	45	0	345	340	40	[VA]	
20	35	50	60	45	85	60	40	160	80	165	180	195	220	270	10	5	10	30	25	180	90	135	295	0	3	
21	165	50	55	85	80	55	90	120	90	180	175	195	210	210	220	340	250	10	25	355	330	325	30	5	[VA]	
22	70	20	70	70	75	120	75	70	160	150	170	190	205	350	0	300	295	250	25	15	50	[VA]	345	0	[VA]	
23	90	180	85	90	195	100	40	195	175	170	355	170	260	250	295	325	255	235	250	190	45	5	35	45	9	
24	295	180	325	340	295	215	35	190	230	235	325	0	340	5	310	330	245	20	10	285	275	280	160	335	[VA]	
25	15	45	65	340	250	35	90	80	120	160	175	185	255	300	15	5	315	290	355	355	5	340	330	5	1	
26	175	295	15	270	330	275	15	50	50	225	175	175	295	15	270	330	275	15	50	25	260	15	5	50	2	
27	25	295	255	135	55	55	15	60	70	180	190	170	255	20	220	345	320	285	310	305	40	45	10	50	3	
28	355	350	320	335	280	335	355	35	270	155	255	250	325	230	195	240	330	350	55	30	45	15	[VA]	28	1	
29	250	325	230	195	240	330	350	55	30	45	15	205	205	270	325	270	350	40	305	55	0	60	115	50	3	
30	50	65	55	45	60	65	185	85	35	220	160	165	210	195	350	170	185	5	65	70	75	75	70	50	4	
31	35	40	55	95	355	15	40	70	85	180	160	210	250	355	325	330	350	330	345	305	300	45	230	35	[VA]	
PV	2	[VA]	3	3	4	3	3	3	5	9	9	10	[VA]	11	11	16	15	2	2	2	3	3	2	2	2	

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 4

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	7.3	5.5	5.5	2.0	2.0	4.0	3.0	1.5	2.0	3.5	4.5	4.0	4.0	4.5	4.5	4.0	5.5	2.5	3.5	4.5	9.5	8.0	8.0	4.0	4.5	9.5
2	6.0	9.5	8.5	7.0	10.5	5.0	4.5	3.5	4.5	4.0	4.0	5.0	5.5	4.5	4.0	3.5	2.5	3.5	3.5	2.0	4.5	3.5	4.5	6.0	5.0	10.5
3	3.5	6.0	8.0	5.0	6.0	9.5	11.5	8.0	4.5	3.5	5.0	5.5	4.5	4.0	3.5	4.5	5.0	5.5	6.0	5.5	3.5	5.0	6.0	9.5	6.0	11.5
4	5.0	6.5	4.5	3.5	5.5	4.0	3.0	3.0	3.0	3.0	3.5	4.0	4.5	4.5	4.5	4.0	3.0	2.5	3.0	2.5	3.5	4.0	2.0	6.0	4.0	6.5
5	6.5	8.0	5.0	3.0	7.5	6.0	3.5	3.0	3.5	4.5	4.5	5.0	4.0	4.0	5.0	5.5	5.5	4.0	5.0	3.0	5.0	4.0	5.0	4.0	5.0	8.0
6	4.5	3.5	3.0	4.0	3.5	2.5	4.0	4.0	5.0	3.5	4.5	6.0	5.5	9.5	11.5	9.5	4.5	2.5	8.0	10.0	8.0	8.5	8.0	9.5	6.0	11.5
7	9.3	7.5	6.5	3.5	7.0	4.0	9.0	12.5	10.0	10.5	6.0	5.5	8.0	10.5	20.5	19.5	11.0	11.5	15.5	12.0	10.5	13.0	7.5	6.5	10.0	20.5
8	3.0	4.5	4.5	5.0	6.5	5.0	5.5	3.0	3.5	3.5	6.0	8.0	5.5	4.5	3.5	6.5	4.5	4.0	3.0	5.0	6.5	4.5	4.5	4.5	5.0	8.0
9	7.5	4.5	7.0	7.5	7.0	5.5	6.0	6.5	4.5	9.5	9.0	6.0	7.0	9.0	8.5	6.0	4.0	2.0	4.5	5.5	6.5	6.0	5.0	5.5	6.5	9.5
10	9.5	5.5	6.0	5.0	4.0	4.5	4.0	5.5	5.5	6.0	9.0	8.5	12.5	7.5	7.5	8.5	6.5	12.0	15.5	18.5	9.5	8.0	11.0	9.0	8.5	18.5
11	15.0	17.0	19.0	18.5	17.0	17.0	17.5	15.0	7.5	5.0	7.5	6.5	9.5	13.5	11.0	11.5	12.5	11.0	14.0	6.5	7.0	7.5	4.5	4.0	11.5	19.0
12	6.5	4.0	7.5	8.5	8.5	9.5	3.5	5.0	7.5	4.5	5.0	4.0	5.5	5.0	7.5	4.5	3.5	4.5	5.0	6.5	4.5	5.0	6.5	6.0	6.0	9.5
13	7.5	3.0	2.0	7.0	5.0	3.0	2.0	4.5	2.5	3.5	4.5	5.0	5.5	6.5	3.5	3.0	6.0	5.0	4.0	3.5	3.5	4.0	3.5	3.5	4.0	7.5
14	3.5	2.5	2.0	2.0	3.0	3.0	5.5	4.0	3.0	5.0	6.0	5.0	5.0	5.5	3.5	6.5	5.5	3.0	3.0	6.5	5.0	3.0	4.0	2.5	4.0	6.5
15	3.0	4.5	6.5	6.0	4.5	3.5	7.0	5.5	5.0	4.0	4.5	5.5	5.5	5.5	5.0	3.5	4.5	3.5	4.0	5.0	5.0	6.5	3.0	4.0	5.0	7.0
16	5.0	4.0	5.0	4.0	2.5	3.0	5.0	4.0	3.5	4.0	3.5	5.5	5.5	7.5	5.0	3.0	1.5	1.5	4.5	4.5	5.5	3.0	3.0	3.0	4.0	7.5
17	4.5	6.0	2.5	4.0	4.0	3.0	3.0	3.0	2.5	5.0	5.5	6.0	6.0	3.5	5.0	3.0	2.5	2.5	4.0	5.0	2.5	6.0	2.5	5.0	4.0	6.0
18	4.5	5.5	5.5	3.0	7.5	3.0	4.0	4.5	4.0	5.5	7.5	6.5	7.5	6.5	7.0	4.5	6.5	6.0	5.5	10.0	13.5	13.5	13.0	12.0	7.0	13.5
19	9.0	3.5	3.5	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	14.0	13.0	14.5	11.5	13.5	12.0	7.0	9.5	9.5	7.0	10.0	14.5
20	7.5	7.5	6.0	5.5	5.0	4.0	7.5	11.5	7.5	5.0	4.0	6.0	5.0	4.0	4.5	4.5	2.5	6.5	6.0	5.0	4.0	3.0	2.5	2.5	5.5	11.5
21	2.5	5.0	8.5	6.0	5.5	3.5	3.5	4.0	3.5	4.5	4.0	4.0	4.5	5.0	4.5	3.5	1.5	2.5	3.5	3.5	7.5	6.5	4.5	6.5	4.5	8.5
22	4.5	7.0	5.5	3.0	5.0	10.5	4.0	2.5	3.5	2.5	4.0	5.0	4.5	4.5	3.5	3.0	4.0	3.5	3.5	3.5	3.5	3.5	4.0	2.5	4.0	10.5
23	3.5	3.0	5.5	3.0	3.0	2.5	3.5	4.0	4.5	7.0	4.5	5.0	6.0	4.0	4.0	3.0	3.0	2.5	2.5	2.0	5.5	7.0	7.5	5.0	4.0	7.5
24	5.5	4.5	4.0	7.5	9.0	6.5	6.5	4.0	4.0	4.5	3.0	3.0	3.5	3.0	4.0	4.5	5.5	3.0	7.5	8.0	12.0	9.0	7.0	3.0	5.5	12.0
25	10.5	10.5	19.0	11.5	9.5	11.0	8.5	13.0	13.0	11.0	8.0	12.5	10.5	10.5	11.0	9.5	8.0	6.0	7.0	7.0	7.0	5.0	4.0	6.0	9.5	19.0
26	5.0	5.5	8.0	5.0	5.5	9.0	10.0	8.5	8.5	6.0	8.5	10.0	9.0	7.0	9.5	7.5	9.0	5.0	3.0	5.0	3.0	3.0	3.5	4.0	6.5	10.0
27	2.5	3.5	3.5	2.5	3.5	3.5	5.0	3.5	2.0	3.0	4.0	6.0	5.5	4.5	3.5	3.0	2.0	2.0	2.5	2.5	4.0	4.5	2.5	3.0	3.5	6.0
28	2.5	2.0	4.0	2.5	4.0	3.0	2.5	3.0	4.0	10.0	13.0	8.5	16.5	16.0	16.5	18.5	15.5	12.0	12.0	13.0	11.5	10.5	11.0	12.0	9.5	18.5
29	12.0	12.5	10.5	11.5	11.5	9.0	8.0	3.0	5.5	11.0	16.0	19.5	22.0	17.5	18.5	24.0	25.0	22.5	22.0	23.0	17.5	10.0	12.0	11.5	15.0	25.0
30	9.0	11.5	12.5	15.5	15.0	14.0	13.5	12.0	9.0	5.5	14.0	14.0	13.0	14.5	16.5	15.5	8.0	10.0	11.0	11.5	8.5	5.0	5.5	12.0	11.5	16.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	6.0	6.0	6.5	6.0	6.5	6.0	6.0	5.5	5.0	5.5	6.5	6.5	7.5	7.0	7.5	7.5	6.5	6.0	7.0	7.0	7.0	6.5	6.0	6.0	6.5	[ ]
SD	3.0	3.3	4.1	3.9	3.5	3.7	3.5	3.6	2.6	2.5	3.2	3.4	4.1	3.9	4.9	5.5	5.0	4.5	4.9	4.8	3.5	2.9	3.0	3.0	2.8	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 4

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	13.0	12.0	13.5	8.0	8.0	4.5	5.0	8.0	8.0	7.0	7.5	7.5	7.0	9.0	9.0	6.5	5.5	2.5	3.0	3.0	6.0	3.5	5.5	5.5	7.0	13.5
2	3.5	5.0	6.0	7.0	7.5	4.0	3.5	4.5	3.5	3.0	4.0	3.5	4.0	4.0	4.0	5.5	3.5	2.0	3.0	1.0	2.0	2.5	4.5	2.5	4.0	7.5
3	3.0	2.0	2.5	2.0	3.0	1.0	2.5	2.0	2.5	2.5	3.5	5.5	5.0	6.0	4.5	3.5	2.0	2.0	1.5	3.0	2.0	1.5	1.5	2.5	3.0	6.0
4	2.0	2.0	4.5	4.5	2.5	2.0	3.0	3.0	3.0	3.0	4.0	4.0	3.5	5.5	3.5	3.0	3.5	4.5	2.5	2.5	3.5	2.5	3.0	4.0	3.5	5.5
5	3.5	7.0	4.0	5.5	5.0	5.5	4.0	5.0	2.5	9.5	4.0	9.5	3.5	4.0	3.5	6.5	3.5	3.0	2.5	2.0	5.5	5.0	3.5	4.0	4.5	9.5
6	5.0	6.5	5.0	6.5	3.5	4.0	3.5	3.5	3.5	2.0	3.5	3.5	5.0	5.5	4.0	3.0	3.0	1.5	1.0	1.0	2.0	3.0	4.0	3.5	3.5	6.5
7	3.5	4.5	3.5	2.5	2.5	2.0	2.5	2.5	2.5	2.0	5.5	4.5	3.5	3.0	3.5	4.0	3.0	3.5	3.5	3.5	3.5	3.5	8.5	3.5	3.5	8.5
8	3.5	3.5	5.0	3.0	4.0	4.0	3.5	6.5	3.5	3.5	3.5	5.5	5.0	5.5	3.5	3.5	2.5	4.0	4.0	4.0	4.5	3.5	3.5	6.5	4.0	6.5
9	6.0	3.0	2.5	3.0	3.0	3.0	3.5	4.5	3.5	5.0	3.5	3.5	3.0	3.5	4.0	4.0	4.5	3.0	2.0	2.5	3.5	1.5	2.0	3.0	3.5	6.0
10	3.0	3.5	3.0	3.5	2.5	4.0	2.0	2.5	2.5	2.0	2.0	1.5	2.0	2.0	2.5	1.5	1.5	1.5	1.5	2.5	2.0	2.0	1.5	1.0	2.0	4.0
11	2.0	1.5	2.0	1.5	2.0	1.5	2.0	2.0	2.0	2.5	3.5	4.5	3.5	4.0	6.0	3.0	6.0	4.5	4.0	1.5	1.5	2.5	4.5	4.0	3.0	6.0
12	3.0	1.5	2.0	2.5	2.0	3.5	3.5	3.0	1.0	6.5	10.0	9.0	10.0	9.5	9.5	10.0	9.5	9.5	8.5	7.5	8.0	6.0	6.5	4.5	6.0	10.0
13	3.5	5.5	6.5	9.0	6.5	5.0	6.5	7.0	6.5	9.0	9.5	13.0	12.0	13.0	10.0	11.0	8.0	4.0	13.0	8.0	9.0	5.0	6.0	6.0	8.0	13.0
14	6.5	5.5	5.0	7.5	10.0	12.0	11.0	12.0	12.0	13.0	13.5	10.5	10.5	8.0	7.0	5.0	3.5	4.0	5.0	4.0	5.5	5.5	3.5	9.5	8.0	13.5
15	10.5	11.0	5.0	2.5	3.5	3.0	3.0	4.0	2.5	2.0	3.0	4.5	3.0	3.5	3.5	2.5	2.0	2.0	2.5	3.0	2.5	3.0	4.0	3.5	3.5	11.0
16	2.5	3.5	3.5	4.5	3.0	3.5	3.5	3.0	4.0	3.5	3.5	3.0	2.5	2.5	2.5	2.0	2.0	3.5	6.5	7.5	11.0	10.5	8.0	5.5	4.5	11.0
17	7.0	13.0	12.0	12.0	8.5	6.0	7.0	6.0	4.5	3.0	4.5	3.5	3.0	5.0	5.0	2.0	3.5	2.5	3.0	2.5	3.5	3.0	3.5	2.5	5.5	13.0
18	1.5	2.5	2.5	2.5	2.0	2.5	3.0	5.0	3.0	2.5	3.5	4.5	4.5	4.0	3.5	3.5	3.0	5.0	4.0	4.0	4.5	3.0	2.0	.5	3.0	5.0
19	1.5	1.5	2.0	2.0	2.0	2.5	2.0	3.5	3.0	3.0	3.5	4.0	3.5	3.0	4.0	5.0	4.0	4.0	3.0	2.0	2.5	3.5	4.0	3.5	3.0	5.0
20	2.0	3.0	2.5	4.0	2.5	3.0	5.0	3.0	3.0	3.0	3.5	4.0	3.0	4.0	3.5	3.0	5.0	4.0	3.5	4.5	4.0	3.5	4.0	3.0	3.5	5.0
21	2.5	2.0	2.5	2.5	2.5	3.5	3.0	3.5	3.0	3.0	3.0	2.5	3.5	3.5	3.0	3.0	4.5	3.5	2.5	3.5	6.0	4.5	2.0	3.5	3.0	6.0
22	4.0	3.5	3.5	2.5	3.0	3.0	3.0	3.0	4.5	3.5	4.5	4.0	4.0	3.0	3.0	3.5	2.0	2.0	2.0	3.0	3.0	2.5	2.0	3.5	3.0	4.5
23	5.0	3.0	2.5	4.5	3.5	2.5	2.5	2.5	2.5	3.0	3.0	2.5	3.0	5.5	4.0	4.0	3.5	5.0	4.0	4.5	6.5	5.0	3.0	4.0	3.5	6.5
24	3.0	3.5	5.5	8.5	6.5	3.0	3.0	3.0	3.0	4.0	3.0	6.5	5.5	4.5	5.0	7.0	5.0	4.5	4.5	2.5	3.5	3.0	4.0	4.5	4.5	8.5
25	4.0	2.5	2.5	6.5	4.0	4.0	5.0	6.0	4.5	4.0	4.5	6.5	5.0	3.5	5.5	3.5	5.0	6.5	5.5	2.5	2.0	3.5	4.0	4.5	4.5	6.5
26	3.0	3.5	1.5	2.5	4.5	4.5	5.5	4.0	3.0	2.5	3.5	3.5	3.5	5.0	4.5	5.5	5.0	3.5	3.5	4.0	7.5	14.5	11.5	6.5	5.0	14.5
27	10.5	4.5	3.5	3.5	3.0	3.5	4.5	4.0	4.0	12.5	10.5	11.5	11.5	6.0	9.5	9.5	7.0	7.0	5.5	5.5	4.5	8.0	6.5	4.0	6.5	12.5
28	6.0	2.5	2.5	4.0	2.5	2.0	3.0	4.5	2.5	3.0	2.5	5.0	8.0	5.0	2.5	4.0	3.5	4.0	5.5	10.0	5.5	3.5	4.5	7.0	4.5	10.0
29	7.5	11.5	6.5	4.5	2.5	2.0	2.0	1.5	3.5	3.5	3.0	4.0	5.0	4.0	3.5	4.5	4.0	2.0	3.0	3.5	3.0	3.0	3.0	3.0	4.0	11.5
30	4.0	2.5	2.5	4.0	5.5	6.0	5.5	6.5	4.0	3.0	3.5	3.0	4.5	5.5	10.5	5.5	6.0	5.5	8.5	7.5	2.5	4.5	9.5	8.5	5.5	10.5
31	7.0	8.0	3.5	5.0	3.0	4.0	6.5	6.5	6.0	7.5	8.5	10.0	10.0	10.5	11.0	8.0	4.0	6.5	4.0	8.5	9.0	12.5	9.5	7.5	7.5	12.5
AV	4.5	4.5	4.0	4.5	4.0	3.5	4.0	4.5	4.0	4.5	5.0	5.5	5.0	5.0	5.0	4.5	4.0	4.0	4.0	4.0	4.5	4.5	4.5	4.5	4.5	[ ]
SD	2.8	3.2	2.6	2.4	2.1	1.9	1.9	2.1	2.0	2.9	2.7	2.9	2.8	2.4	2.6	2.3	1.8	1.8	2.4	2.3	2.4	3.0	2.5	2.0	1.5	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 4

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	8.3	6.5	6.0	8.0	1.0	9.5	10.0	8.0	6.5	5.0	4.5	5.0	7.5	7.0	5.0	3.5	1.5	1.5	2.0	2.0	2.5	2.5	3.5	3.0	5.0	10.0
2	3.0	3.5	4.5	7.0	12.0	9.5	3.5	6.5	4.0	3.5	2.5	3.5	4.5	4.0	5.0	4.0	5.0	3.0	2.5	3.5	3.5	3.5	2.5	3.0	4.5	12.0
3	2.0	2.0	4.0	3.5	1.5	1.0	3.0	3.0	2.0	2.5	3.0	3.5	4.0	4.5	3.0	3.0	2.5	2.5	3.0	3.0	3.5	3.0	4.0	2.0	3.0	4.5
4	2.5	2.5	1.3	2.0	2.0	3.0	3.0	2.5	4.0	5.0	3.0	3.5	3.0	4.5	3.0	2.5	3.0	2.0	2.0	2.5	3.0	3.0	3.5	2.5	3.0	5.0
5	3.5	3.0	2.5	3.0	6.0	7.0	5.5	2.5	3.5	3.5	3.0	3.5	3.0	4.0	5.5	3.0	4.0	3.5	5.0	4.5	8.0	8.0	3.5	4.0	4.0	8.0
6	5.0	4.5	3.0	3.0	6.0	5.0	5.0	4.0	7.5	[PF]	3.5	4.0	14.0	9.0	7.0	6.5	6.5	5.5	5.5	6.0	4.0	5.0	6.0	6.0	5.5	14.0
7	6.5	4.5	7.0	8.5	11.0	12.0	7.5	4.0	3.5	4.5	4.0	3.5	3.5	4.0	3.5	3.5	3.0	6.0	3.5	3.0	3.0	4.5	3.0	5.0	5.0	12.0
8	3.0	3.0	2.5	2.5	4.0	3.3	4.0	5.0	2.0	3.0	3.0	4.0	3.0	4.0	4.0	3.5	1.5	2.5	3.5	2.5	2.0	2.0	3.5	4.5	3.0	5.0
9	2.5	3.0	3.0	3.5	2.5	3.5	4.5	4.5	3.0	3.5	3.0	3.0	4.0	3.5	4.0	5.5	3.5	2.5	5.0	3.5	4.0	3.5	3.5	4.0	3.5	5.5
10	4.0	2.5	2.5	3.5	4.5	3.5	3.5	4.0	5.0	4.0	3.5	4.0	9.5	13.0	12.5	7.5	6.0	8.0	5.0	4.5	5.0	8.0	5.5	5.5	5.5	13.0
11	6.0	11.0	7.5	4.5	3.5	11.0	10.0	3.0	3.0	3.5	3.5	5.5	4.5	4.5	2.5	3.5	3.0	5.0	3.5	2.5	4.0	6.0	3.0	4.0	5.0	11.0
12	3.5	4.5	4.0	5.0	6.5	4.0	5.5	4.0	5.5	4.0	4.0	3.0	3.5	4.5	5.0	3.5	10.0	20.0	19.5	17.5	16.0	14.0	15.5	16.0	8.5	20.0
13	24.0	23.5	19.0	18.5	16.0	12.0	10.0	5.5	11.5	10.0	7.0	5.0	6.5	7.5	5.5	2.0	2.0	4.0	8.5	7.5	4.5	5.0	14.0	12.0	10.0	24.0
14	3.5	2.0	3.0	3.0	4.0	2.5	3.5	3.0	5.5	2.5	3.0	3.0	3.5	5.0	3.0	3.5	3.5	2.5	3.0	4.0	3.5	4.5	3.0	3.5	3.5	5.5
15	3.5	2.5	3.0	5.0	4.5	5.5	5.5	3.0	2.5	5.0	4.0	4.0	5.5	5.0	3.5	4.5	3.0	3.5	4.5	6.3	7.5	5.0	6.0	6.5	4.5	7.5
16	7.5	3.0	4.0	2.5	4.0	3.5	4.5	3.5	4.0	4.0	4.0	3.5	4.5	3.0	3.5	3.0	3.0	6.0	4.5	4.0	3.0	2.0	2.5	2.5	3.5	7.5
17	2.5	3.0	2.5	2.5	3.0	2.5	2.5	3.0	2.0	3.0	3.0	4.0	4.5	4.5	3.5	3.5	3.0	2.5	3.5	2.5	1.5	2.0	2.5	3.0	3.0	4.5
18	3.0	2.5	2.0	2.5	3.5	2.0	2.0	3.5	3.0	3.5	3.0	3.0	4.0	3.5	3.5	4.0	7.0	4.5	4.0	2.5	2.5	11.0	12.5	11.5	4.5	12.5
19	11.5	9.0	9.5	8.0	6.0	3.0	3.5	3.0	3.5	2.5	3.5	5.0	6.0	5.5	7.5	7.0	5.0	6.0	2.0	8.0	4.5	4.0	2.5	2.5	5.5	11.5
20	5.5	6.0	9.0	12.0	8.5	2.5	3.5	3.0	2.0	3.0	2.5	3.0	4.0	3.5	4.5	4.5	3.0	2.0	1.0	2.0	3.5	1.0	1.5	3.5	4.0	12.0
21	2.0	4.0	2.0	6.0	2.0	3.0	3.0	3.0	3.5	2.5	3.5	4.0	3.5	3.5	3.5	5.5	2.0	4.0	3.0	2.0	3.0	2.5	5.0	3.0	3.5	6.0
22	2.5	2.5	2.5	2.5	1.5	1.5	1.5	2.5	2.5	2.3	3.0	3.0	4.0	5.0	4.5	4.0	3.5	4.5	3.0	4.0	2.5	2.0	3.5	6.0	3.0	6.0
23	2.5	2.0	2.5	2.0	3.0	4.0	2.5	2.5	4.0	3.5	5.0	5.0	5.5	3.0	3.5	4.0	4.0	5.5	6.0	3.0	3.5	4.0	5.0	9.5	4.0	9.5
24	5.5	5.5	4.0	5.0	3.5	3.0	2.5	3.0	4.0	5.0	5.0	6.5	4.0	4.5	4.5	6.5	5.5	3.0	8.0	8.5	12.0	9.0	8.5	3.5	5.5	12.0
25	9.5	6.5	6.0	7.0	3.0	7.5	10.5	8.5	4.5	4.5	5.5	8.0	7.5	3.5	5.5	8.5	7.0	3.0	3.0	3.5	4.0	3.0	3.5	3.5	6.0	10.5
26	4.5	5.0	6.5	7.5	7.5	6.5	9.5	9.5	6.0	4.5	3.0	4.5	6.5	5.0	4.0	4.5	6.0	4.5	3.5	4.5	5.0	3.0	6.0	8.5	5.5	9.5
27	10.5	11.0	5.5	5.0	3.5	2.0	2.5	2.5	5.0	2.3	4.0	4.0	5.5	4.5	3.5	6.0	6.5	3.5	2.5	3.0	3.5	3.0	3.5	5.5	4.5	11.0
28	5.0	2.5	4.5	4.0	5.0	3.5	4.0	4.5	4.5	3.5	5.5	5.5	5.0	4.0	3.0	6.0	7.0	5.0	6.5	5.5	10.0	6.0	5.0	2.5	5.0	10.0
29	8.5	7.0	3.5	2.5	1.5	2.0	2.5	2.5	3.5	4.0	3.5	4.5	3.0	5.5	4.5	4.0	5.0	3.5	2.5	2.5	2.5	2.0	4.5	4.5	3.5	8.5
30	3.5	5.0	3.0	4.0	5.0	2.5	2.0	3.0	3.5	3.0	6.0	5.5	4.0	3.5	5.5	5.0	3.5	5.5	11.0	18.5	21.0	15.0	13.0	3.0	6.5	21.0
31	6.0	6.0	2.5	1.5	5.0	8.5	12.0	11.0	6.0	5.5	4.5	3.5	6.5	4.0	5.0	3.5	6.0	6.5	2.0	4.5	3.5	6.0	4.0	9.0	5.5	12.0
AV	5.5	5.0	4.5	5.0	4.5	5.0	5.0	4.0	4.0	4.0	4.0	4.0	5.0	5.0	4.5	4.5	4.5	4.5	4.5	5.0	5.0	5.0	5.5	5.5	4.5	[ ]
SD	4.2	4.1	3.3	3.4	3.3	3.2	2.9	2.2	1.9	1.4	1.1	1.1	2.2	1.9	1.8	1.5	2.0	3.2	3.5	3.9	4.2	3.4	3.6	3.3	1.5	[ ]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 4

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PEAK PREV
1	325	55	55	285	170	65	75	70	40	110	95	125	320	100	190	195	80	180	295	15	315	335	5	255	15
2	290	325	325	280	330	335	20	240	280	255	135	100	95	125	215	255	205	170	185	190	70	335	245	325	12
3	270	330	325	285	290	320	320	275	220	110	100	150	225	185	235	210	125	70	55	345	275	340	325	320	15
4	300	270	340	170	295	140	150	255	55	215	25	110	175	150	145	215	185	190	95	75	55	325	195	320	9
5	345	350	250	125	315	320	190	45	255	240	180	100	80	230	110	95	95	0	325	100	60	0	315	95	5
6	45	245	255	260	105	130	15	325	40	180	245	120	90	110	100	100	110	25	355	20	35	30	35	45	3
7	30	15	10	110	310	240	345	10	15	60	110	125	100	110	75	70	120	120	105	105	75	85	105	30	6
8	310	290	160	300	315	235	235	225	215	85	85	120	155	125	65	225	255	220	235	125	210	165	320	35	11
9	55	10	330	300	275	295	335	350	0	95	105	115	100	80	110	130	130	240	300	335	345	5	5	10	[VA]
10	340	355	10	60	70	35	60	10	90	15	70	65	85	85	80	105	0	65	90	90	35	75	95	100	4
11	90	85	85	80	70	80	80	80	145	115	140	150	130	85	90	95	85	80	70	110	75	65	75	260	5
12	325	305	315	320	325	315	95	290	295	220	165	100	190	205	115	165	175	85	80	55	35	335	320	330	15
13	330	130	220	315	70	275	330	335	140	105	215	100	120	95	215	325	290	85	65	40	40	315	340	275	15
14	30	300	270	33	355	270	330	130	235	235	90	145	145	135	230	100	80	265	75	315	30	20	45	50	7
15	150	330	295	340	285	335	70	130	20	125	150	190	110	105	85	140	155	240	65	65	340	325	0	185	8
16	25	300	50	10	65	305	310	65	80	140	170	145	135	115	145	260	270	10	305	60	35	300	285	305	15
17	80	75	100	80	355	40	335	160	240	90	105	110	90	260	105	120	250	255	125	70	115	75	55	325	5
18	70	50	335	285	320	190	205	330	110	85	90	120	105	130	115	100	80	55	330	270	245	240	250	240	6
19	255	185	185	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	235	230	225	230	240	240	250	245	250	255	270	12
20	280	280	305	20	290	280	325	330	315	65	205	215	210	215	210	95	45	290	320	335	355	20	65	160	15
21	355	315	300	285	325	275	50	90	95	100	130	50	95	245	230	275	325	345	325	340	315	315	310	315	15
22	300	310	50	240	355	315	55	315	240	65	235	85	130	75	270	270	105	65	40	45	10	350	355	30	3
23	285	225	285	300	240	195	310	55	310	315	60	125	215	240	230	220	125	55	125	255	310	320	325	305	15
24	315	325	255	295	325	315	290	265	250	255	355	130	210	215	280	20	50	50	340	30	60	60	35	285	14
25	90	105	95	155	120	120	160	245	240	235	200	205	195	205	220	260	260	305	300	330	315	310	275	300	[VA]
26	290	280	295	280	275	350	335	335	345	355	30	40	355	320	350	10	45	75	180	65	90	310	100	80	16
27	85	75	50	305	260	80	75	70	90	110	110	105	95	90	240	215	205	60	60	80	90	75	85	125	5
28	65	315	315	120	60	240	195	260	305	80	25	285	45	60	45	45	35	25	10	355	0	0	355	355	3
29	5	10	30	20	15	5	15	40	90	105	95	95	85	100	95	80	90	80	75	85	70	40	45	30	5
30	30	35	50	70	40	45	50	25	25	325	60	50	55	60	70	60	20	20	25	20	40	60	70	70	3
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
PV	15	15	15	14	15	15	15	16	12	5	[VA]	6	5	5	6	5	5	5	4	4	4	15	[VA]	15	5

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	60	50	60	30	30	5	320	345	335	355	345	340	10	40	45	105	340	265	265	260	300	325	5	5	[VA]	
2	320	305	315	315	330	280	90	125	75	115	235	220	240	95	135	90	85	20	80	240	20	105	75	85	5	
3	30	320	80	250	315	240	50	270	235	115	100	90	105	85	95	85	55	45	290	105	220	265	155	65	5	
4	220	295	305	315	80	215	295	205	90	250	155	70	100	90	245	220	80	60	50	140	245	175	235	20	11	
5	105	60	275	70	240	85	300	185	325	85	50	95	255	95	210	80	205	300	205	150	285	[VA]	175	350	5	
6	305	85	300	0	[VA]	75	335	345	350	110	235	55	[VA]	105	155	110	90	245	260	220	305	240	200	285	16	
7	330	345	[VA]	235	330	225	300	205	300	200	180	80	330	265	195	95	105	80	285	240	210	245	315	300	14	
8	225	285	65	305	185	15	300	335	200	40	40	85	175	75	105	80	230	70	270	325	0	180	75	285	4	
9	70	280	85	125	130	35	100	95	255	100	195	125	90	105	90	100	215	75	60	295	55	295	45	200	5	
10	75	80	105	100	65	65	330	60	120	145	65	160	200	155	120	135	215	90	125	65	265	70	225	225	4	
11	190	255	65	80	295	75	105	135	155	230	120	95	250	90	90	270	100	315	85	355	265	225	55	95	5	
12	100	45	85	215	175	110	85	75	220	335	10	355	0	20	15	15	15	10	5	25	10	0	5	340	1	
13	345	10	340	340	20	15	350	350	0	0	40	25	25	60	20	0	45	305	65	85	105	130	85	115	1	
14	185	145	125	250	240	245	255	250	255	275	280	275	265	270	255	270	295	325	305	320	285	55	330	315	13	
15	320	310	310	285	280	220	155	75	45	265	140	100	215	145	230	185	145	90	305	290	125	355	145	35	[VA]	
16	295	275	75	120	100	90	65	160	95	85	230	240	245	260	55	275	195	270	280	325	320	320	305	0	13	
17	285	315	320	315	10	305	295	260	265	220	240	55	115	95	70	95	175	260	315	40	10	65	290	45	14	
18	30	125	135	95	125	95	50	125	95	80	30	70	105	100	120	280	145	270	325	90	45	95	175	40	5	
19	5	195	280	295	230	315	235	300	260	240	100	110	140	120	100	85	90	55	20	120	85	65	300	0	5	
20	135	70	165	280	280	290	270	130	265	85	135	100	170	120	90	100	75	275	75	80	330	80	35	265	5	
21	290	335	15	10	100	305	65	45	305	60	225	125	130	205	230	300	60	75	235	170	75	35	165	25	4	
22	55	340	90	335	320	230	245	15	35	95	125	115	115	200	140	85	245	285	150	80	110	175	30	305	6	
23	270	130	210	70	255	290	80	240	265	240	155	175	205	115	65	270	40	25	90	80	50	330	50	340	13	
24	290	165	285	320	285	50	30	60	60	115	290	285	95	155	90	95	85	140	120	110	75	75	300	55	5	
25	95	255	295	70	305	120	320	45	55	355	100	95	85	220	260	95	105	75	80	220	85	245	270	290	5	
26	50	90	265	315	105	285	85	50	25	85	120	180	190	55	85	160	85	210	215	285	270	320	70	85	5	
27	315	50	250	5	65	195	245	330	5	50	115	100	105	120	90	95	95	150	175	155	355	335	315	40	5	
28	290	260	290	335	0	340	10	280	295	265	175	105	95	105	225	105	80	325	320	315	90	35	320	0	14	
29	340	315	270	275	320	125	240	310	250	250	245	120	95	60	35	80	70	70	295	0	105	35	65	75	4	
30	345	280	180	300	25	20	320	190	345	230	195	190	215	145	95	55	315	5	45	70	250	260	250	250	12	
31	225	235	240	200	150	155	110	95	85	100	105	95	105	110	120	115	120	180	210	235	245	240	245	250	6	
PV	14	15	14	[VA]	15	[VA]	[VA]	16	14	5	6	[VA]	6	5	[VA]	5	5	4	15	5	14	4	4	3	5	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 4

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	260	265	270	270	270	265	280	285	285	290	255	225	230	230	230	270	255	255	290	275	40	170	320	275	13	
2	310	280	340	320	315	325	245	300	255	250	250	215	130	120	220	115	70	80	200	280	265	25	75	100	12	
3	65	65	255	85	305	275	325	55	120	60	240	100	185	100	210	110	110	30	260	155	275	105	75	230	4	
4	205	120	55	275	253	75	330	45	20	85	210	175	110	105	290	240	55	110	235	355	295	95	305	55	[VA]	
5	15	80	315	350	20	0	105	160	55	130	100	220	110	250	185	180	270	215	255	115	70	0	270	85	[VA]	
6	285	30	215	35	105	0	340	335	320	[PF]	0	30	75	115	100	90	40	300	350	345	45	20	35	320	[VA]	
7	330	295	313	325	320	325	0	100	330	245	270	190	235	235	235	240	265	320	10	270	180	90	170	80	15	
8	105	45	245	290	50	60	85	80	235	210	185	140	135	195	280	125	120	70	60	120	115	225	270	75	6	
9	55	115	60	260	215	125	65	20	245	140	125	175	180	215	255	90	250	255	70	285	245	235	50	30	12	
10	60	90	85	100	60	310	335	265	265	280	255	225	100	95	90	65	30	40	55	95	70	60	45	0	4	
11	315	320	320	70	340	315	335	5	310	250	240	125	80	110	270	275	320	315	70	95	80	80	85	305	15	
12	115	250	80	260	80	10	295	330	80	75	70	190	240	110	123	305	105	75	75	80	80	55	65	75	5	
13	90	90	85	75	65	55	325	335	320	320	320	310	110	115	145	255	275	280	315	330	325	335	320	320	[VA]	
14	320	80	95	45	35	330	310	320	290	235	115	230	215	155	105	160	75	295	195	305	20	75	95	290	15	
15	55	195	215	295	85	105	80	325	0	35	110	200	65	85	245	225	80	195	95	95	270	300	70	80	5	
16	25	280	305	30	320	45	20	70	130	80	175	155	115	150	235	230	110	75	90	55	265	130	200	240	2	
17	305	95	0	190	270	290	355	280	260	90	165	120	105	105	85	85	325	260	315	80	70	210	350	315	5	
18	25	185	190	255	245	270	90	310	40	135	225	205	105	120	95	290	125	260	270	205	240	250	255	265	[VA]	
19	260	265	250	270	265	85	45	255	70	135	130	95	95	175	90	140	80	50	135	320	295	40	120	285	13	
20	325	345	320	320	330	215	260	265	245	210	190	100	105	205	85	100	90	80	50	75	60	95	90	280	5	
21	290	315	315	350	275	255	230	270	260	115	95	120	110	115	115	110	255	85	70	310	310	135	275	20	6	
22	5	310	250	230	15	205	285	260	120	215	240	125	125	100	105	95	95	85	85	85	295	260	295	330	5	
23	235	240	235	220	70	45	70	65	245	280	95	95	90	115	105	70	250	100	65	240	280	40	350	315	5	
24	70	290	25	50	240	295	195	290	45	320	165	95	170	120	90	120	80	100	85	90	75	85	105	275	5	
25	65	65	50	30	295	300	315	320	260	85	175	130	115	175	153	180	100	95	130	95	70	55	40	340	5	
26	300	335	330	300	295	285	310	330	255	250	125	225	130	85	130	115	270	115	70	305	15	225	290	320	14	
27	320	320	345	75	25	325	160	85	355	235	110	230	85	100	115	120	90	65	330	80	310	270	235	295	5	
28	100	130	295	50	75	305	50	65	75	325	85	105	100	100	165	120	85	80	0	290	315	315	70	330	5	
29	325	0	255	350	160	260	295	210	20	250	175	95	55	110	90	100	70	35	50	30	110	250	305	10	5	
30	320	330	270	340	340	335	130	80	240	205	220	255	205	225	85	110	240	265	220	250	250	260	260	215	12	
31	75	60	305	130	300	320	320	325	320	275	215	130	95	135	115	240	110	70	120	30	315	315	315	295	15	
PV	15	5	15	[VA]	[VA]	14	15	15	12	12	12	11	6	6	6	[VA]	5	5	4	5	4	[VA]	4	14	5	

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	7	5	3	3	4	4	4	4	5	6	6	8	10	10	11	11	11	10	9	9	8	8	7	6	7	11
2	6	7	6	4	5	5	3	3	4	7	8	9	11	12	13	13	13	12	11	10	9	9	7	7	8	13
3	6	7	6	5	4	5	6	4	4	6	8	9	11	12	13	14	13	12	12	11	10	9	8	8	8	14
4	7	6	6	5	5	4	4	3	5	6	7	8	10	12	12	12	12	11	11	10	9	8	8	7	8	12
5	7	6	5	4	3	3	3	3	5	6	8	9	11	12	13	14	13	12	11	11	10	10	9	8	8	14
6	7	7	6	6	5	6	5	5	5	7	9	11	13	15	16	16	15	15	14	13	12	11	11	11	10	16
7	11	12	11	9	6	7	9	11	13	14	12	13	14	16	17	17	15	14	12	11	10	9	8	8	12	17
8	8	7	6	6	7	5	3	5	5	6	7	8	8	8	8	8	8	7	6	5	4	3	2	3	6	8
9	2	2	1	1	0	0	0	0	0	1	2	3	4	4	5	5	5	4	3	3	2	2	0	2	2	5
10	1	3	2	2	0	0	-1	1	0	3	3	4	5	4	5	5	6	6	4	1	1	1	1	1	3	6
11	1	0	0	0	-1	-1	-1	-1	-1	0	1	1	2	2	3	3	3	1	1	0	-1	-2	-2	-3	0	3
12	-3	-3	-4	-4	-4	-4	-6	-6	-4	-2	-1	0	1	3	3	3	3	1	1	0	0	0	-1	-1	-1	3
13	-1	-3	-3	-3	-4	-5	-5	-5	-4	-2	0	1	2	3	4	5	5	4	3	3	2	1	0	0	0	5
14	-1	-2	-2	-2	-2	-2	-3	-3	-2	1	1	3	5	6	7	6	5	5	5	4	3	3	3	3	2	7
15	3	2	2	1	1	0	0	-1	0	2	3	6	7	9	10	10	9	8	7	6	6	6	5	3	4	10
16	3	3	2	1	1	1	1	0	1	3	5	6	8	9	10	11	10	10	10	9	10	7	7	9	6	11
17	7	5	4	4	4	4	3	3	3	4	5	7	8	10	11	10	10	9	9	8	7	5	5	5	6	11
18	5	4	4	3	2	2	0	1	1	2	4	6	6	7	7	7	6	5	5	4	3	2	0	0	4	7
19	-2	-2	-2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	-1	0	0	-1	-1	-2	-3	-3	-4	-4	-5	-2	0
20	-5	-5	-6	-8	-8	-8	-8	-9	-7	-6	-3	-3	-2	-1	-1	-1	-1	-2	-2	-2	-3	-3	-3	-3	-4	-1
21	-3	-1	-4	-4	-4	-4	-4	-4	-3	-3	-3	-2	0	0	1	1	1	0	0	-1	-3	-3	-3	-4	-2	1
22	-4	-4	-5	-6	-5	-6	-7	-7	-6	-4	-3	-1	0	1	2	3	2	1	1	0	0	0	-1	-1	-2	3
23	-1	-2	-1	-2	-1	-2	-2	-2	-4	0	0	2	3	4	5	5	4	4	4	3	3	2	3	2	1	5
24	1	2	-1	-1	0	-1	-1	-1	-1	0	3	2	3	5	6	7	5	4	4	4	5	4	5	4	2	7
25	4	4	4	-1	0	-1	-1	-3	-4	-3	-3	-2	-2	-2	-2	-3	-4	-5	-5	-6	-7	-8	-10	-9	-3	4
26	-9	-8	-9	-10	-10	-7	-7	-7	-6	-5	-4	-4	-6	-5	-4	-3	-3	-4	-5	-7	-6	-6	-7	-8	-6	-7
27	-9	-10	-10	-10	-9	-9	-9	-9	-9	-7	-6	-6	-5	-5	-5	-4	-4	-4	-4	-4	-4	-5	-5	-5	-6	-4
28	-5	-4	-5	-5	-5	-5	-5	-4	1	-3	-3	-1	3	4	4	3	2	1	0	0	-1	-1	-1	-1	-1	4
29	-2	-3	-2	-2	-3	-3	-7	-4	-3	-4	-5	-4	-6	-5	-5	-6	-7	-8	-8	-8	-9	-9	-9	-9	-5	-2
30	-9	-9	-9	-9	-8	-8	-8	-7	-6	-5	-2	-1	0	1	1	1	-1	-2	-2	-2	-2	-2	-2	-1	-4	1
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	1	1	0	0	0	-1	-1	-1	0	1	2	3	4	5	6	6	5	4	4	3	3	2	1	1	2 [ ]	
SD	5	5	4	3	3	3	5	5	3	3	2	2	2	6	6	6	6	6	6	6	6	5	5	5	5 [ ]	

TEMPERATURE
(DEGREES C)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

* SUBJECT TO *
* REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PER
1	1	0	1	1	1	1	1	2	3	5	6	7	8	9	8	6	5	5	4	4	4	6	6	6	4	9
2	0	4	5	3	6	4	2	0	0	0	2	4	5	6	6	5	5	4	4	3	3	2	1	1	3	6
			0	-1	-1	-1	-1	-1	-1	0	1	1	3	3	4	4	3	3	3	2	1	0	0	0	1	4
4	-1	-1	-1	-1	-2	-2	-3	-3	-3	-1	0	0	2	3	4	3	2	1	1	0	-1	-2	-2	-2	0	4
5	-3	-3	-4	-3	-4	-4	-4	-5	-3	-2	0	-3	0	1	2	1	1	1	0	1	-1	-1	-1	-1	-1	2
	1	-1	1	0	1	0	0	0	-1	1	3	5	6	6	6	6	4	4	4	3	3	3	2	1	2	6
	-1		1	0	0	-1	-1	0	-1	1	0	0	2	3	3	2	2	2	2	1	-1	-1	1	-2	1	3
8	-1	0	-2	-3	-3	-3	-3	-4	-4	-2	0	1	1	2	2	3	2	1	1	0	-1	-3	-3	-2	-1	3
		2	-1	-3	-3	-3	-7	-6	-6	-5	4	-3	-2	-1	-1	-3	-3	-4	-4	-5	-5	-6	-6	-6	-4	-1
10	-6	-7	-7	-8	-8	-8	-7	-7	-7	-6	-4	-3	-3	-3	-2	-2	-3	-3	-4	-4	-4	-4	-4	-4	-5	-2
11	-5	-4	-6	-6	-6	-3	-5	-7	-4	-4	-2	-3	-1	-1	-2	-1	-2	-3	-3	-4	-3	-3	-4	-4	-4	-1
12	-4	-2	-4	-2	-3	-4	-3	-3	-3	3	6	5	6	6	6	4	5	5	5	5	5	4	4	4	2	6
13	3	4	4	4	3	3	3	3	3	3	5	6	5	4	3	3	2	2	0	-1	-2	-2	-2	-2	2	6
14	-4	-3	-3	4	-6	-6	-7	-8	-8	-8	7	-7	-6	-5	-5	-5	-6	-6	-7	-9	-10	-8	-8	-9	-6	-2
15	-9	-9	-10	-10	-11	-9	-12	-14	-13	-11	-10	-8	-6	-3	-7	-6	-9	-5	-10	-10	-11	-11	-12	-12	-10	-7
16	-13	-12	-12	-12	-13	-13	-13	-13	-13	-11	-9	-7	-4	-2	0	0	0	-3	-4	-3	-1	-2	-4	-4	-7	0
17	-4	-5	-5	-7	-5	-7	-8	-7	-7	-8	-5	-4	-3	-4	-5	-4	-5	-6	-7	-7	-7	-7	-7	-7	-6	-3
18	-11	-11	-13	-14	-14	-15	-15	-16	-15	-13	-12	-9	-8	-4	-4	-4	-5	-6	-5	-6	-8	-9	-9	-1	-10	-4
19	-9	-10	-10	-10	-10	-11	-11	-10	-10	-9	-8	-6	-6	-5	-5	-6	-7	-8	-8	-8	-8	-10	-9	-9	-9	-5
20	-10	-10	-11	-11	-11	-11	-11	-12	-11	-11	-10	-9	-7	-7	-6	-5	-6	-5	-10	-10	-11	-11	-11	-11	-10	-3
21	-11	-10	-11	-10	-12	-11	-11	-11	-11	-11	-9	-7	-7	-5	-4	-5	-6	-7	-7	-6	-10	-10	-9	-9	-9	-3
22	-9	-7	-9	-9	-9	-10	-10	-8	-10	-10	-9	-8	-7	-5	-5	-9	-6	-6	-6	-7	-7	-7	-7	-8	-8	-5
23	-8	-8	-8	-10	-9	-9	-10	-9	-9	-7	-7	-6	-5	-5	-5	-4	-5	-6	-6	-7	-8	-8	-6	-6	-7	-4
24	-8	-8	-8	-7	-8	-10	-10	-11	-11	-10	-8	-6	-6	-6	-6	-7	-8	-8	-8	-8	-9	-9	-9	-9	-8	-6
25	-7	-6	-6	-8	-9	-9	-9	-9	-10	-7	-6	-6	-7	-5	-5	-4	-6	-8	-11	-11	-12	-11	-9	-7	-8	-4
26	-4	-6	-6	-8	-7	-9	-9	-9	-10	-9	-8	-7	-6	-4	-4	-4	-5	-7	-6	-7	-6	-6	0	-6	-7	-7	0
27	-4	-3	-3	-2	-5	-5	-7	-5	-5	-4	1	1	2	2	1	0	0	-1	-1	-2	-3	-3	-4	-3	-3	-3	2
28	-5	-5	-6	-8	-7	-7	-7	-8	-9	-7	-7	-5	-4	-4	-2	-2	-2	-3	-4	-4	-4	-7	-7	-7	-9	-5	-2
29	-9	-8	-8	-8	-10	-10	-10	-10	-10	-11	-10	-8	-7	-7	-6	-5	-5	-6	-7	-7	-7	-8	-8	-9	-9	-8	-5
30	-8	-8	-8	-9	-11	-10	-11	-10	-11	-11	-9	-8	-7	-5	-5	-5	-6	-5	-5	-4	-5	-5	-5	-6	-6	-7	-4
31	-7	-6	-6	-7	-7	-7	-7	-8	-8	-8	-7	-7	-6	-6	-6	-6	-6	-7	-7	-6	-6	-9	-9	-10	-10	-7	-6
AVE	-3	-3	-3	-3	-6	-6	-6	-7	-7	-7	-5	-4	-3	-2	-1	-1	-1	-2	-3	-3	-4	-5	-5	-5	-5	-4	[1
PER	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	3	4	4	[1

EMPERATURE
DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-11	-11	-12	-12	-13	-13	-14	-14	-14	-13	-12	-11	-11	-11	-11	-11	-12	-12	-13	-13	-14	-15	-15	-17	-13	-11
2	-17	-17	-17	-17	-17	-18	-21	-18	-20	-19	-16	-14	-14	-14	-14	-13	-14	-15	-16	-16	-16	-16	-15	-16	-16	-13
3	-17	-16	-16	-17	-17	-18	-17	-18	-19	-16	-14	-14	-13	-12	-12	-12	-13	-13	-13	-14	-14	-14	-14	-13	-15	-12
4	-13	-13	-13	-13	-13	-13	-13	-13	-12	-12	-11	-10	-9	-9	-8	-8	-9	-9	-10	-10	-11	-12	-12	-12	-11	-8
5	-13	-13	-12	-12	-13	-13	-12	-12	-11	-11	-11	-9	-8	-7	-6	-7	-7	-7	-7	-7	-8	-7	-7	-8	-10	-6
6	-7	-6	-6	-8	-8	-8	-6	-5	-5	[PF]	-5	-2	-2	-3	-3	-5	-6	-6	-5	-5	-6	-6	-6	-7	-6	-2
7	-6	-7	-9	-8	-8	-8	-9	-12	-11	-11	-9	-9	-8	-7	-6	-6	-6	-7	-7	-8	-8	-11	-11	-11	-8	-6
8	-11	-10	-11	-11	-11	-9	-11	-11	-11	-9	-8	-8	-6	-5	-5	-5	-6	-6	-7	-6	-7	-8	-8	-9	-8	-5
9	-8	-8	-8	-9	-10	-10	-10	-9	-10	-8	-8	-7	-6	-4	-2	-4	-3	-3	-5	-5	-6	-6	-6	-5	-7	-2
10	-5	-8	-4	-7	-8	-5	-5	-6	-7	-4	-2	0	1	1	0	0	0	-1	-2	-3	-4	-3	-3	-4	-3	1
11	-5	-5	-6	-6	-8	-8	-7	-10	-9	-8	-6	-6	-6	-5	-4	-4	-3	-2	-4	-5	-6	-7	-7	-7	-6	-2
12	-5	-7	-7	-6	-8	-7	-7	-7	-8	-6	-5	-4	-2	-1	-3	-2	-2	0	0	0	-1	-2	-2	-3	-4	0
13	-3	-4	-4	-5	-5	-6	-7	-7	-7	-5	-4	-2	-2	-2	-2	-2	-2	-3	-3	-3	-5	-6	-5	-5	-4	-2
14	-6	-8	-9	-11	-11	-10	-9	-10	-10	-11	-9	-7	-6	-5	-4	-5	-6	-6	-6	-7	-7	-8	-9	-8	-8	-3
15	-9	-8	-8	-8	-8	-9	-10	-10	-9	-9	-6	-5	-4	-3	-2	-2	-2	-1	-2	-3	-5	-5	-3	-5	-6	-1
16	-5	-5	-4	-3	-2	-4	-5	-5	-5	-4	-2	-1	0	1	2	2	2	-1	-2	-3	-2	-2	-3	-2	-2	2
17	-2	-3	-3	-3	-3	-4	-4	-5	-5	-4	-3	-1	-1	0	0	1	0	-1	-1	-1	-2	-2	-3	-3	-2	1
18	-3	-3	-3	-4	-5	-4	-5	-4	-5	-5	-2	-1	0	1	2	2	-1	-1	1	1	1	0	0	0	-2	2
19	-1	-1	-2	-2	-3	-4	-4	-5	-5	-4	-3	-2	-1	0	0	0	-1	-1	-1	-2	-2	-4	-4	-5	-2	0
20	-5	-5	-5	-3	-5	-9	-9	-9	-8	-7	-5	-4	-3	-2	-2	-2	-2	-3	-4	-4	-5	-5	-6	-6	-5	-2
21	-6	-8	-6	-6	-8	-9	-9	-9	-8	-8	-6	-6	-4	-3	-2	-2	-2	-4	-4	-5	-5	-6	-6	-7	-6	-2
22	-7	-8	-8	-9	-9	-10	-10	-10	-11	-9	-7	-6	-5	-4	-4	-3	-3	-5	-6	-7	-7	-6	-8	-7	-7	-3
23	-6	-8	-9	-9	-9	-11	-10	-11	-11	-9	-9	-9	-6	-5	-5	-6	-6	-7	-7	-7	-7	-6	-5	-3	-8	-3
24	-4	-6	-6	-7	-7	-7	-7	-7	-6	-5	-4	-3	-2	-1	0	0	-1	-2	-2	-3	-3	-4	-4	-5	-4	0
25	-5	-5	-6	-5	-6	-6	-6	-6	-6	-4	-3	-4	-3	-3	-2	-3	-4	-5	-5	-6	-6	-7	-7	-8	-5	-2
26	-3	-3	-9	-3	-10	-10	-9	-8	-9	-8	-7	-6	-5	-4	-4	-3	-3	-4	-5	-4	-4	-5	-5	-3	-6	-3
27	-1	-2	-3	-7	-6	-9	-8	-9	-9	-7	-5	-4	-3	-2	-2	-2	-3	-3	-3	-4	-5	-5	-5	-5	-5	-1
28	-5	-5	-4	-6	-7	-6	-6	-7	-7	-5	-5	-3	-2	-1	1	1	0	-2	-2	-1	0	0	-3	-3	-3	1
29	-2	-3	-4	-4	-4	-4	-5	-6	-6	-4	-2	-2	0	2	2	2	1	0	0	-1	-1	-2	-2	-1	-2	2
30	-3	-4	-3	-2	-3	-3	-5	-5	-5	-5	-2	0	2	6	5	4	4	4	4	2	1	1	1	0	0	6
31	-1	-2	-2	-3	-2	-2	-3	-3	-3	-2	-2	0	0	1	1	2	2	0	0	-1	-1	-1	-2	-2	-1	2
AV	-7	-7	-7	-9	-8	-8	-8	-9	-9	-8	-6	-5	-4	-3	-3	-3	-3	-4	-4	-5	-5	-6	-6	-6	-6	[ ]
SD	[illegible]	[illegible]	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	[ ]

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6	6	6	8	8	8	8	8	11	13	15	18	18	18	18	16	13	13	8	6	4	5	5	6	10	18
2	7	10	11	11	9	11	11	11	8	10	11	11	11	12	13	14	12	8	7	7	6	6	8	8	10	14
3	8	8	8	8	9	8	7	8	8	8	12	13	13	13	13	12	9	7	4	6	8	8	8	5	9	13
4	7	7	8	8	9	10	11	11	11	12	12	12	12	12	12	12	9	7	8	7	8	8	11	7	10	12
5	6	7	7	7	9	9	9	10	10	10	12	14	15	15	14	13	11	8	7	8	8	9	6	8	10	15
6	9	11	11	10	10	9	7	9	10	11	11	12	12	12	12	10	8	9	12	14	14	14	14	14	11	14
7	14	13	12	11	7	8	12	15	15	11	11	11	11	10	9	7	7	6	9	9	9	8	8	9	10	15
8	9	5	8	7	8	7	8	9	9	11	10	10	11	11	11	8	4	6	6	9	8	12	8	10	9	12
9	5	7	9	11	10	6	9	11	11	10	9	11	11	12	12	12	12	13	9	7	13	13	12	13	10	13
10	12	12	13	13	8	9	6	8	8	10	12	13	10	9	10	7	10	11	9	7	9	10	10	8	10	13
11	7	7	7	7	7	7	6	7	11	14	14	14	14	11	9	9	7	7	5	6	6	5	5	6	8	14
12	6	9	6	4	6	5	8	8	5	7	8	10	11	13	12	11	10	7	5	4	6	7	5	5	7	13
13	6	7	7	8	8	7	8	8	11	11	12	12	12	10	10	9	4	9	9	9	9	10	10	12	9	12
14	12	10	9	5	7	8	8	8	8	9	9	10	11	11	10	7	5	9	9	9	6	7	6	5	8	12
15	6	9	7	7	11	11	9	9	7	8	9	10	11	12	12	12	10	9	8	5	7	7	8	9	9	12
16	9	8	8	7	8	8	9	9	8	10	11	12	12	10	11	11	12	11	7	10	10	10	10	9	10	12
17	8	8	7	8	8	8	8	9	10	12	12	11	10	11	13	11	9	10	10	6	8	9	8	9	9	13
18	6	9	7	8	10	9	8	8	7	7	7	10	10	11	10	8	5	4	9	9	7	7	6	6	8	11
19	6	10	12	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	6	6	6	5	5	6	6	7	7	5	4	7	12
20	4	6	6	8	9	12	8	7	8	7	10	12	14	14	12	12	11	8	10	12	10	7	7	10	9	14
21	10	6	7	8	9	10	6	5	5	8	11	12	12	17	15	12	10	7	8	5	6	8	11	6	9	17
22	11	10	9	8	8	5	6	7	11	13	14	14	15	15	14	10	7	6	5	5	7	8	8	8	9	15
23	7	9	6	6	8	9	10	10	10	9	10	10	13	13	13	13	13	4	7	8	6	6	5	6	9	13
24	6	9	9	9	7	7	9	9	9	9	10	8	9	9	9	12	9	9	12	12	12	11	11	10	9	12
25	9	9	10	11	11	11	11	6	6	6	11	10	11	11	11	9	8	12	11	8	10	11	12	12	10	12
26	12	12	12	10	11	12	13	13	13	14	14	14	14	14	14	15	13	11	10	6	7	7	6	6	11	15
27	9	6	5	6	7	6	5	5	9	9	10	11	11	11	10	12	10	10	11	12	12	6	6	7	9	12
28	6	7	8	8	6	6	7	9	10	7	6	8	8	9	12	13	13	13	13	13	13	13	13	13	10	13
29	13	13	13	13	13	13	13	11	7	6	6	9	7	8	7	7	6	7	8	8	8	10	10	12	10	13
30	12	12	12	12	12	12	12	12	12	12	11	11	11	9	10	8	12	12	12	12	12	10	9	7	11	12
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	8	9	9	9	9	9	9	9	9	10	11	11	12	12	11	11	9	9	9	8	9	9	8	8	9 [	]
SD	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2	3	3	3	2	3	2	2	3	3	1 [	]

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 4

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	8	9	11	12	12	15	13	13	13	13	13	13	12	12	12	9	8	9	10	11	11	13	13	13	12	15
2	8	9	8	6	7	6	5	6	8	9	10	10	11	12	11	7	8	6	4	6	5	7	5	5	7	12
3	5	8	9	10	11	7	6	7	8	8	7	7	8	8	8	6	5	5	5	7	8	12	9	6	8	12
4	8	9	9	8	9	9	10	10	10	10	11	8	9	9	9	8	6	7	8	8	5	8	9	9	9	11
5	9	9	9	9	10	10	11	12	12	10	10	6	7	9	9	7	7	7	8	8	9	11	10	9	9	12
6	10	8	9	8	9	9	10	10	9	11	13	11	11	11	11	12	8	7	5	7	9	9	11	12	10	13
7	13	12	11	11	12	13	13	12	10	10	9	9	11	11	9	7	4	7	7	6	8	11	11	11	10	13
8	11	9	8	10	10	10	11	8	8	10	10	9	7	9	10	9	8	6	7	7	9	8	8	7	9	11
9	7	8	11	10	10	10	7	6	9	8	10	9	9	9	9	8	8	9	9	9	7	9	12	11	9	12
10	9	9	7	6	7	7	8	7	9	9	9	10	11	11	11	11	10	10	9	9	10	10	10	10	9	11
11	11	10	9	8	10	8	9	10	9	8	10	11	10	8	6	11	11	11	10	11	14	11	7	7	10	14
12	8	8	11	12	12	11	11	6	10	14	14	14	14	14	14	14	14	14	14	13	12	12	12	11	12	14
13	11	12	11	10	10	11	12	13	14	15	14	13	12	10	12	11	10	10	9	9	9	8	6	8	11	15
14	13	13	13	7	5	6	6	5	6	6	6	6	6	7	7	7	5	11	7	7	6	9	8	6	7	13
15	6	3	9	9	9	9	9	9	9	9	9	9	9	9	8	10	9	11	10	11	11	10	10	10	9	11
16	10	10	11	11	9	10	10	11	10	9	9	9	9	9	9	9	9	9	7	7	8	6	7	8	9	11
17	7	5	5	6	7	8	9	10	10	10	11	11	11	7	8	9	10	11	11	11	8	9	9	9	9	11
18	10	9	9	9	10	9	8	7	8	9	8	7	6	8	9	8	7	7	8	7	5	5	6	6	8	10
19	4	4	6	6	8	8	8	9	10	10	9	9	12	12	8	7	5	5	9	6	5	4	6	8	7	12
20	7	7	7	5	6	7	7	7	7	8	9	9	9	9	9	9	6	6	4	5	6	6	6	6	7	9
21	8	8	8	8	9	9	9	5	7	8	10	10	9	10	10	8	6	6	6	6	5	5	6	7	8	10
22	7	7	7	7	9	9	9	9	7	7	8	9	9	10	9	8	5	6	9	9	6	6	7	10	8	10
23	11	11	11	11	9	10	10	9	9	11	9	9	11	10	9	8	7	6	8	6	5	8	8	8	9	11
24	8	9	9	9	9	9	9	9	9	9	9	8	10	11	11	8	7	7	7	7	8	8	9	7	9	11
25	7	8	11	9	10	10	8	7	8	9	10	7	7	8	8	9	7	5	5	6	7	7	7	6	8	11
26	7	8	11	11	10	11	8	7	8	9	8	10	11	10	8	9	8	8	10	9	10	10	7	6	9	11
27	6	8	8	8	8	8	8	8	9	9	9	7	7	9	8	8	9	12	12	10	9	7	7	8	8	12
28	7	7	7	7	8	8	8	10	9	9	8	9	6	7	8	7	5	6	5	3	5	7	8	8	7	10
29	8	7	8	9	10	9	9	9	10	10	9	9	8	9	9	8	5	6	7	7	7	7	6	7	8	10
30	9	10	9	10	10	8	6	8	8	9	9	9	9	11	10	8	7	8	9	9	8	6	5	6	8	11
31	6	5	5	6	6	6	5	4	4	6	8	8	7	7	8	8	8	10	13	7	7	6	6	6	7	13
AV	8	9	9	9	9	9	9	8	9	9	10	9	9	10	9	9	7	8	8	8	8	8	8	8	9	[illegible]
SD	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	[illegible]

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 4

JANUARY, 1976

AEROVIRONMENT INC.

```
**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 11 APR 76   *
*                    *
**********************
*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
**********************
```

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	7	6	6	5	6	6	5	5	6	7	8	8	7	7	7	9	5	3	9	8	8	6	9	10	7	10
2	10	9	9	7	7	8	8	9	9	11	10	10	9	8	9	11	7	6	7	7	7	8	10	10	9	11
3	6	6	6	7	8	9	7	7	8	7	8	9	9	9	10	9	9	9	5	7	6	6	7	8	8	10
4	9	9	9	8	8	7	8	8	8	8	9	10	10	11	11	10	5	5	6	6	7	8	8	9	8	11
5	10	8	9	9	9	8	7	8	8	9	9	11	11	11	8	8	8	8	8	8	7	6	6	9	8	11
6	9	8	9	9	10	10	10	9	5	[PF]	8	8	7	7	6	6	5	8	7	8	8	9	10	8	8	10
7	9	8	7	4	4	5	7	8	8	7	8	8	11	8	6	7	4	6	7	8	12	7	8	5	7	12
8	7	8	8	8	7	7	8	5	7	10	10	10	10	10	8	8	8	8	7	6	7	9	9	7	8	10
9	7	7	8	6	6	9	9	9	9	11	10	9	10	10	12	8	12	11	8	12	11	11	8	8	9	12
10	8	10	8	9	9	9	9	9	8	9	10	10	8	7	7	9	10	9	6	8	9	10	10	10	9	10
11	7	5	6	8	8	5	4	6	8	8	6	9	9	9	10	7	6	6	6	7	6	7	9	9	7	10
12	9	8	9	9	6	7	7	9	9	9	6	9	9	9	9	6	6	7	6	6	6	8	7	7	8	9
13	7	7	6	6	6	6	4	5	6	7	9	9	9	7	6	8	5	3	4	6	6	6	8	8	6	9
14	9	8	7	7	8	7	6	7	9	9	9	9	9	9	9	9	7	10	10	6	8	9	9	9	8	10
15	7	7	9	10	10	11	11	9	9	9	10	10	10	11	12	12	12	12	12	13	13	11	12	12	11	13
16	7	12	12	12	12	12	12	12	11	11	11	11	11	12	10	8	7	8	7	8	10	11	12	12	10	12
17	12	12	12	10	7	8	9	9	8	9	9	10	10	11	11	10	9	8	6	6	7	7	8	9	9	12
18	9	9	9	9	8	10	10	9	10	11	12	12	12	12	12	11	10	9	9	9	9	8	6	6	10	12
19	6	6	6	5	5	6	6	6	6	7	8	9	10	10	10	9	9	9	9	5	5	5	6	7	7	10
20	6	5	5	5	8	8	8	8	9	9	9	10	10	10	10	9	5	2	5	6	5	5	6	6	7	10
21	6	6	7	7	9	9	10	11	11	9	9	11	12	12	10	10	8	7	8	6	8	8	9	9	9	12
22	9	9	9	9	9	9	9	9	8	10	11	12	12	8	9	9	7	6	7	7	9	9	7	4	9	12
23	4	6	8	9	9	9	8	9	9	11	8	9	8	10	8	6	6	6	9	8	7	6	6	7	8	11
24	8	8	8	9	9	9	9	9	9	7	10	10	10	12	12	12	11	10	10	10	10	10	9	9	10	12
25	9	9	7	9	11	9	8	8	9	9	9	10	9	9	10	12	8	6	7	6	5	6	7	8	8	12
26	8	9	9	9	9	9	9	8	9	9	10	11	11	10	10	11	9	6	6	8	7	10	9	9	9	11
27	6	6	9	8	8	9	8	8	8	8	9	10	10	9	9	9	6	5	6	6	7	7	8	7	8	10
28	8	9	9	9	9	9	9	9	7	6	7	6	9	10	11	9	8	8	7	6	6	5	6	7	8	11
29	5	6	7	8	8	6	8	8	8	10	14	11	11	11	11	12	8	7	8	9	9	6	7	7	9	14
30	9	9	9	9	9	9	10	10	11	12	12	11	12	11	9	9	9	8	8	7	6	7	6	8	9	12
31	8	6	8	8	9	4	3	5	7	8	9	9	9	10	9	10	10	7	13	6	7	5	6	7	8	13
AV	8	8	8	8	8	8	8	8	8	9	9	10	10	10	9	9	8	7	8	8	8	8	8	8	8 [ ]	
SD	2	2	2	2	2	2	2	2	1	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	1 [ ]	

IGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.24	.18	.16	.12	.10	.12	.12	.10	.12	.18	.26	.28	.30	.32	.30	.24	.24	.12	.10	.10	.16	.22	.22	.14	.18	.32
2	.18	.22	.28	.22	.26	.22	.14	.12	.16	.26	.30	.28	.34	.28	.26	.20	.12	.10	.10	.10	.10	.12	.14	.16	.20	.34
3	.14	.18	.24	.18	.20	.22	.28	.30	.18	.18	.22	.30	.30	.32	.26	.22	.16	.12	.12	.12	.12	.14	.16	.16	.20	.36
4	.18	.20	.22	.14	.24	.18	.12	.12	.12	.18	.22	.22	.30	.36	.30	.22	.12	.10	.10	.10	.10	.12	.10	.14	.18	.36
5	.18	.24	.18	.14	.20	.26	.18	.14	.16	.24	.28	.30	.30	.28	.28	.24	.16	.10	.12	.12	.14	.12	.14	.14	.20	.30
6	.12	.12	.12	.12	.12	.10	.14	.14	.18	.20	.28	.32	.26	.32	.36	.32	.18	.10	.34	.64	.54	.60	.60	.62	.28	.64
7	.66	.62	.60	.28	.18	.18	.48	.78	.70	.54	.28	.30	.30	.38	.66	.64	.40	.40	.46	.42	.34	.44	.28	.24	.44	.78
8	.16	.12	.16	.14	.28	.18	.18	.14	.18	.44	.26	.34	.34	.30	.24	.22	.14	.12	.12	.18	.22	.16	.16	.20	.20	.44
9	.20	.20	.22	.26	.28	.22	.32	.44	.38	.36	.40	.38	.40	.42	.40	.36	.22	.12	.14	.16	.40	.50	.36	.30	.32	.50
10	.54	.44	.36	.34	.18	.12	.14	.18	.16	.28	.50	.34	.54	.30	.24	.28	.28	.54	.46	.64	.54	.42	.36	.32	.36	.64
11	.44	.58	.58	.66	.58	.58	.60	.52	.40	.30	.40	.42	.46	.48	.48	.42	.38	.38	.42	.28	.18	.18	.14	.14	.42	.66
12	.18	.14	.18	.18	.20	.24	.18	.18	.22	.24	.34	.34	.36	.34	.38	.24	.18	.12	.14	.14	.12	.14	.14	.14	.22	.38
13	.18	.14	.12	.16	.18	.12	.12	.14	.16	.22	.32	.34	.34	.34	.30	.24	.16	.14	.14	.12	.12	.14	.16	.14	.18	.34
14	.14	.12	.10	.10	.12	.12	.20	.14	.16	.24	.26	.30	.34	.36	.28	.22	.16	.10	.10	.14	.14	.14	.12	.10	.18	.36
15	.10	.14	.20	.18	.16	.14	.18	.14	.16	.18	.30	.32	.34	.32	.34	.24	.18	.14	.10	.12	.14	.16	.16	.12	.20	.34
16	.14	.10	.14	.14	.12	.10	.16	.14	.14	.20	.28	.32	.34	.32	.28	.18	.12	.10	.12	.16	.32	.14	.10	.12	.18	.34
17	.14	.16	.12	.12	.14	.12	.10	.10	.14	.20	.24	.32	.32	.26	.24	.14	.10	.10	.12	.14	.10	.14	.12	.14	.16	.32
18	.14	.18	.16	.18	.20	.14	.12	.14	.12	.22	.28	.32	.28	.28	.28	.20	.16	.16	.20	.34	.40	.38	.40	.34	.24	.40
19	.34	.16	.16	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.22	.36	.32	.32	.30	.38	.38	.28	.28	.22	.22	.28	.38
20	.18	.24	.20	.20	.32	.20	.18	.46	.52	.28	.28	.34	.32	.30	.26	.28	.14	.24	.44	.34	.18	.14	.12	.14	.26	.52
21	.12	.14	.34	.28	.24	.14	.14	.10	.14	.22	.24	.26	.34	.28	.30	.20	.14	.12	.16	.16	.18	.20	.18	.18	.20	.34
22	.20	.22	.24	.18	.16	.28	.20	.12	.16	.20	.28	.32	.36	.34	.28	.20	.14	.12	.12	.12	.20	.16	.14	.12	.20	.36
23	.12	.12	.14	.12	.12	.10	.12	.14	.18	.30	.22	.26	.34	.26	.24	.18	.14	.10	.10	.10	.14	.16	.24	.22	.18	.34
24	.20	.46	.24	.18	.30	.22	.34	.24	.18	.20	.24	.16	.18	.26	.20	.30	.34	.12	.46	.54	.64	.46	.28	.18	.28	.64
25	.32	.34	.58	.62	.44	.46	.34	.34	.36	.32	.38	.46	.56	.48	.44	.42	.40	.34	.34	.32	.24	.20	.18	.22	.38	.62
26	.24	.30	.60	.32	.32	.66	.68	.66	.68	.60	.64	.60	.64	.64	.68	.62	.58	.34	.16	.14	.12	.12	.12	.14	.44	.68
27	.12	.12	.12	.10	.10	.10	.12	.12	.12	.14	.18	.22	.24	.22	.16	.14	.10	.12	.10	.10	.10	.12	.10	.12	.14	.24
28	.10	.10	.12	.10	.10	.12	.12	.14	.20	.20	.40	.30	.58	.68	.76	.78	.80	.76	.78	.78	.80	.78	.78	.82	.46	.82
29	.82	.78	.70	.72	.78	.74	.62	.24	.20	.36	.50	.62	.70	.60	.64	.74	.76	.72	.72	.72	.58	.46	.62	.68	.62	.82
30	.62	.66	.70	.76	.74	.74	.72	.74	.64	.42	.56	.62	.62	.60	.62	.60	.58	.66	.72	.70	.64	.38	.24	.34	.60	.76
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.24	.26	.28	.24	.26	.24	.26	.26	.24	.28	.32	.34	.38	.36	.36	.32	.26	.24	.26	.28	.28	.26	.24	.24	.28	[ ]
SD	.18	.18	.19	.19	.17	.19	.18	.20	.17	.11	.11	.11	.13	.12	.16	.17	.19	.20	.21	.22	.20	.17	.17	.17	.13	[ ]

GMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.56	.60	.70	.56	.58	.46	.30	.58	.64	.60	.58	.62	.58	.54	.54	.24	.20	.16	.16	.14	.34	.20	.40	.46	.44	.70
2	.20	.18	.20	.18	.24	.24	.12	.14	.14	.16	.20	.24	.28	.22	.22	.20	.12	.10	.10	.10	.10	.10	.10	.10	.16	.28
3	.10	.10	.10	.10	.14	.10	.10	.10	.10	.14	.16	.24	.26	.28	.24	.16	.10	.10	.10	.10	.10	.10	.10	.10	.14	.28
4	.10	.10	.14	.14	.10	.10	.12	.14	.12	.14	.18	.22	.22	.26	.24	.16	.12	.10	.10	.10	.10	.10	.12	.14	.14	.26
5	.10	.18	.14	.14	.18	.18	.16	.18	.10	.30	.16	.30	.22	.24	.22	.22	.12	.12	.10	.10	.14	.20	.12	.12	.16	.30
6	.16	.22	.18	.20	.16	.14	.12	.12	.12	.10	.22	.22	.28	.28	.28	.20	.10	.10	.12	.14	.14	.12	.12	.14	.16	.28
7	.12	.12	.18	.12	.12	.10	.14	.12	.12	.12	.22	.22	.20	.20	.22	.18	.10	.10	.10	.10	.12	.12	.40	.16	.16	.40
8	.14	.14	.14	.14	.14	.12	.16	.18	.16	.14	.16	.18	.22	.24	.22	.18	.10	.12	.12	.12	.14	.14	.16	.16	.16	.24
9	.20	.14	.14	.14	.10	.12	.10	.12	.14	.16	.18	.18	.20	.18	.18	.14	.14	.12	.10	.10	.12	.12	.12	.12	.14	.20
10	.12	.12	.10	.10	.12	.12	.12	.12	.14	.14	.16	.14	.18	.14	.14	.12	.12	.10	.10	.12	.12	.12	.12	.12	.12	.18
11	.12	.10	.10	.10	.10	.10	.12	.10	.12	.12	.14	.14	.14	.12	.14	.12	.14	.14	.12	.10	.10	.12	.12	.12	.12	.14
12	.12	.10	.10	.10	.10	.10	.10	.10	.10	.42	.70	.68	.66	.72	.68	.70	.68	.68	.68	.54	.58	.46	.46	.28	.42	.72
13	.20	.34	.42	.48	.48	.30	.38	.46	.52	.68	.64	.74	.72	.56	.60	.74	.46	.26	.46	.30	.30	.24	.18	.22	.44	.74
14	.28	.30	.26	.24	.26	.36	.34	.34	.42	.46	.42	.40	.38	.32	.28	.20	.12	.24	.28	.16	.20	.26	.18	.24	.28	.46
15	.38	.58	.30	.14	.14	.14	.12	.14	.12	.12	.18	.22	.22	.20	.18	.14	.10	.10	.10	.14	.10	.14	.14	.12	.18	.58
16	.12	.16	.14	.14	.14	.12	.12	.12	.14	.12	.14	.18	.22	.18	.12	.10	.10	.12	.16	.22	.38	.44	.24	.22	.18	.44
17	.24	.36	.40	.48	.36	.26	.30	.28	.24	.18	.18	.18	.20	.22	.22	.14	.12	.12	.12	.10	.12	.10	.12	.12	.22	.48
18	.10	.08	.10	.12	.12	.10	.12	.12	.10	.12	.14	.10	.22	.24	.22	.16	.12	.12	.14	.12	.12	.10	.10	.02	.12	.24
19	.10	.10	.10	.10	.12	.12	.14	.16	.14	.14	.12	.18	.20	.20	.20	.18	.12	.10	.12	.10	.10	.10	.14	.20	.14	.20
20	.12	.10	.10	.14	.14	.14	.20	.16	.12	.12	.14	.14	.18	.20	.20	.16	.12	.12	.10	.10	.12	.12	.10	.10	.14	.20
21	.10	.10	.10	.10	.10	.12	.12	.10	.10	.10	.10	.12	.16	.22	.18	.14	.12	.10	.10	.10	.12	.12	.10	.12	.12	.22
22	.12	.14	.12	.12	.12	.12	.14	.12	.12	.12	.16	.18	.22	.20	.18	.16	.10	.10	.10	.10	.10	.10	.10	.14	.14	.22
23	.20	.18	.12	.14	.12	.12	.10	.10	.10	.12	.12	.14	.18	.20	.20	.14	.12	.14	.18	.12	.14	.14	.12	.10	.14	.20
24	.10	.12	.22	.26	.28	.12	.12	.16	.12	.14	.12	.20	.18	.20	.18	.18	.16	.14	.14	.12	.12	.12	.14	.14	.16	.28
25	.12	.12	.10	.20	.14	.14	.14	.18	.14	.14	.16	.18	.20	.20	.18	.16	.12	.12	.14	.10	.10	.12	.14	.16	.14	.20
26	.12	.12	.10	.10	.14	.14	.19	.14	.14	.12	.14	.16	.16	.18	.18	.18	.16	.12	.14	.14	.18	.64	.40	.20	.18	.64
27	.26	.20	.14	.14	.12	.12	.14	.14	.14	.40	.44	.36	.44	.28	.32	.34	.28	.32	.28	.20	.22	.20	.24	.18	.24	.44
28	.22	.14	.12	.14	.12	.12	.12	.14	.14	.14	.16	.20	.28	.24	.20	.16	.12	.12	.14	.20	.18	.14	.18	.28	.16	.28
29	.24	.34	.28	.32	.24	.12	.12	.10	.12	.16	.20	.26	.26	.26	.26	.24	.16	.12	.12	.12	.12	.12	.12	.18	.20	.34
30	.16	.18	.14	.14	.20	.18	.20	.24	.18	.16	.20	.24	.26	.26	.34	.24	.20	.24	.44	.28	.14	.12	.26	.32	.22	.44
31	.22	.20	.16	.20	.16	.20	.18	.20	.18	.22	.26	.32	.34	.34	.38	.32	.20	.28	.20	.28	.28	.34	.28	.24	.24	.38
AV	.18	.20	.18	.18	.18	.16	.16	.18	.18	.20	.22	.26	.28	.26	.26	.22	.16	.16	.18	.16	.16	.18	.18	.18	.20	[ ]
SD	.10	.13	.13	.12	.11	.08	.07	.11	.12	.15	.15	.15	.14	.12	.13	.14	.12	.11	.13	.09	.10	.13	.10	.08	.09	[ ]

GMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	22	22	20	26	28	32	28	26	22	22	22	22	24	24	20	18	12	10	12	10	12	12	14	14	20	32
2	20	16	24	28	34	36	22	24	18	14	20	20	22	22	22	22	16	12	12	14	14	16	14	14	20	36
3	14	14	12	14	16	18	14	14	12	12	20	22	20	24	20	14	12	10	12	12	14	14	14	12	14	24
4	12	12	10	12	10	10	12	12	14	18	20	04	04	04	20	16	10	10	10	10	12	12	14	14	12	20
5	16	12	12	12	14	20	18	12	14	14	18	18	22	24	20	18	16	12	18	16	22	26	18	14	16	26
6	14	16	14	10	14	16	24	18	16	[PF]	18	18	42	40	24	24	20	20	18	30	16	28	38	24	22	42
7	34	34	30	22	28	30	26	20	18	14	18	16	20	20	16	16	12	18	14	12	14	14	12	14	20	34
8	10	12	12	12	14	12	14	14	12	14	16	18	20	20	18	14	12	10	10	10	10	10	12	14	14	20
9	12	10	12	12	12	12	12	14	12	14	14	18	20	22	20	20	14	12	14	12	14	12	12	14	14	22
10	14	12	10	12	14	12	12	12	16	18	28	14	28	36	34	22	28	30	16	12	18	30	20	18	20	36
11	14	22	22	12	12	20	20	12	12	12	14	16	16	14	12	10	10	12	10	10	10	14	10	12	14	22
12	12	18	12	12	14	12	14	12	12	12	12	12	14	14	14	10	24	50	52	50	40	34	34	46	22	52
13	72	70	56	50	34	30	18	14	28	34	22	18	18	18	16	10	10	10	18	16	14	16	36	52	28	72
14	34	16	12	12	12	12	14	12	18	18	14	14	14	18	16	14	10	14	10	10	12	10	10	12	14	34
15	10	12	10	14	12	14	12	12	10	14	14	14	16	16	12	12	10	10	12	14	16	14	14	14	12	16
16	14	10	12	10	12	12	14	10	12	10	12	12	14	12	12	10	08	10	10	10	10	10	10	10	12	14
17	10	10	10	10	10	10	10	10	10	10	10	12	14	14	12	12	10	08	10	10	10	10	10	10	10	14
18	10	10	10	10	10	10	10	12	10	10	12	12	14	14	12	10	18	12	12	10	10	26	26	26	14	26
19	24	20	18	16	14	10	10	10	10	10	12	16	18	20	20	18	12	10	10	14	12	12	10	10	14	24
20	12	14	18	28	28	12	14	14	12	10	14	12	16	14	14	14	10	10	10	10	10	10	10	10	14	28
21	10	12	10	14	12	12	12	14	14	10	12	14	14	14	14	14	10	10	10	10	10	12	16	12	12	16
22	10	10	10	10	10	10	10	10	10	10	12	12	14	16	16	14	10	12	10	10	10	10	10	12	12	16
23	10	10	10	10	10	10	10	10	10	12	12	14	14	12	12	10	10	12	14	10	10	10	14	24	12	24
24	16	14	10	10	10	10	10	10	12	14	16	18	14	16	14	16	12	12	18	16	28	18	20	12	14	28
25	18	14	18	18	14	18	38	42	14	18	22	28	28	34	34	42	26	14	12	14	10	10	12	14	22	42
26	20	34	26	38	28	32	42	40	24	22	18	22	28	26	26	20	18	20	14	14	14	12	18	22	24	42
27	28	38	30	18	14	12	12	14	16	14	16	20	24	28	22	22	20	10	10	10	12	14	12	16	18	38
28	16	12	12	12	16	14	14	18	14	14	20	24	24	28	24	22	20	12	12	18	24	22	14	14	18	28
29	20	24	18	14	10	10	10	10	12	16	20	20	28	24	24	20	16	10	10	10	10	10	14	18	16	28
30	18	18	14	18	14	16	10	10	12	12	24	24	20	18	18	18	14	18	38	52	66	52	42	18	24	66
31	14	16	14	10	14	18	22	38	28	24	24	24	26	24	22	20	22	18	10	10	12	18	14	26	20	38
AV	13	13	16	.16	.16	.16	.16	.16	.14	.14	.16	.18	.20	.20	.18	.16	.14	.14	.14	.16	.16	.16	.16	.18	.16	[ ]
SD	.12	.12	.09	.09	.07	.08	.08	.09	.05	.05	.04	.05	.07	.07	.06	.06	.05	.06	.09	.10	.11	.09	.09	.09	.04	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	0	0	0	0	0	5
2	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	0	0	0	0	5
3	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	0	0	0	5
4	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	0	0	0	0	5
5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	5	5	10	10	10	10	10	5	5	5	5	5	5	10
7	5	5	5	5	5	0	0	0	0	5	5	5	5	10	10	10	10	10	5	5	5	5	5	5	5	10
8	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	0	0	0	0	0	0	0	0	5
9	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	0	0	5	5	5	0	5	0	5
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	[CA]	35	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	5
16	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	0	5
17	5	5	5	5	0	5	0	5	5	5	0	5	5	0	5	5	0	0	0	0	5	5	5	0	5	5
18	5	5	5	5	5	5	0	0	5	5	5	5	5	5	5	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5
19	[CA]	[CA]	[CA]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
20	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	5
21	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5	5	5	5	0	0	0	0	5	5
22	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0	0	0	0	0	0	0	0	5	5	5	0	5
28	5	5	5	5	0	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	0	0	0	0
30	[IM]	[IM]	[IM]	[IM]	5	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5	5	5	5	5	5	5	0	0	0	0 [ ]	
SD	2	2	2	2	2	2	1	2	2	8	2	2	2	3	3	3	3	3	3	2	2	2	2	2	1 [ ]	

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0
12	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	[IM]	[IM]	0	[IM]	[IM]	0	0
14	[IM]	[IM]	0	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	[IM]	0	0
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
17	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	0	0
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	0	0
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0
23	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	0	0
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
AV	0	0	0	0	0	0	[ ]	[ ]	[ ]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]	[ ]
SD	0	0	0	0	0	0	[ ]	[ ]	[ ]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 5

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.0	2.5	2.5	2.5	2.0	2.5	2.5	2.5	2.0	3.0	3.5	4.0	3.5	3.5	3.0	2.0	3.5	2.0	2.5	2.5	3.0	2.5	2.5	2.5	2.5	4.0
2	2.5	2.5	3.5	2.5	2.5	3.0	5.0	2.5	2.0	2.0	3.0	2.5	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	3.0	5.0
3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	2.5	2.0	3.5	1.5	2.5	3.5	3.0	2.5	2.5	2.5	2.5	3.5
4	3.0	2.5	3.0	3.0	3.0	2.5	2.5	2.5	2.0	2.5	3.0	3.0	3.5	4.0	3.0	2.5	1.5	1.5	3.0	2.5	3.0	3.0	3.0	2.5	2.5	4.0
5	3.0	3.0	2.5	3.0	3.0	2.5	2.5	2.0	2.0	2.5	3.5	4.0	3.5	3.0	3.0	1.5	3.5	1.5	2.5	2.5	3.0	2.5	2.5	3.0	2.5	4.0
6	2.5	3.5	2.0	2.5	2.0	2.0	2.0	2.0	3.0	3.0	3.0	3.5	5.0	4.0	4.5	2.5	2.0	2.0	3.0	3.0	3.0	2.5	3.5	3.5	3.0	5.0
7	3.5	3.5	4.0	4.0	3.5	3.0	3.0	3.5	3.0	2.5	2.5	3.0	6.5	3.0	3.5	5.0	6.5	6.0	5.0	3.0	3.0	3.0	3.0	2.0	3.5	6.5
8	2.0	3.5	2.5	2.5	2.5	4.0	4.5	3.5	3.0	4.0	3.5	3.5	4.5	3.0	3.0	2.5	3.0	3.0	2.5	4.5	5.5	4.0	2.0	2.0	3.5	5.5
9	2.0	2.5	1.5	2.5	2.5	1.5	2.5	2.5	2.0	3.5	5.0	5.0	5.5	4.0	3.5	2.5	3.0	3.0	2.0	2.5	2.5	3.0	2.5	2.5	3.0	5.5
10	2.5	2.0	2.0	2.5	1.5	1.0	2.0	2.0	2.0	2.5	4.0	3.5	5.0	3.5	3.5	4.0	3.0	5.0	4.5	3.5	2.0	3.0	2.5	3.0	3.0	5.0
11	2.5	3.0	3.5	5.0	4.0	4.5	3.5	4.5	4.5	4.0	6.5	6.5	4.5	5.5	4.5	5.0	4.0	2.5	3.5	4.0	2.0	1.5	2.0	2.5	4.0	6.5
12	2.5	2.5	2.5	2.0	2.0	2.5	2.5	2.0	2.5	3.0	3.5	4.5	4.0	3.0	4.0	3.0	3.5	4.5	1.5	2.5	3.0	3.5	2.5	2.5	3.0	4.5
13	2.5	3.0	2.5	2.5	3.5	2.5	2.5	2.0	2.5	3.0	3.5	4.5	4.0	4.5	2.0	2.0	2.5	1.5	3.0	3.5	3.0	2.5	2.5	3.0	3.0	4.5
14	2.5	2.5	2.5	3.0	3.0	3.0	2.5	2.0	2.0	3.0	4.5	4.0	4.0	4.5	2.5	2.5	1.5	2.5	3.5	2.5	2.5	2.5	2.5	2.0	3.0	4.5
15	2.5	2.5	3.0	3.0	2.5	2.5	2.5	3.5	2.0	2.5	2.5	3.5	3.5	4.0	2.5	3.0	5.0	3.0	2.5	3.0	3.0	3.0	3.0	3.0	3.0	5.0
16	2.5	3.0	3.0	3.0	2.5	2.5	2.5	3.5	2.0	2.5	3.0	3.5	4.0	4.0	3.5	2.0	2.0	2.5	3.0	3.0	3.0	3.0	2.5	3.0	3.0	4.0
17	2.5	2.0	2.5	3.0	3.0	3.0	2.5	2.5	2.5	2.5	2.0	3.5	4.0	4.0	2.5	2.0	1.5	2.5	2.5	2.0	3.0	2.5	2.5	2.5	2.5	4.0
18	2.0	2.0	3.0	2.5	2.5	3.0	2.5	2.5	2.0	3.0	3.5	4.0	4.0	3.0	4.5	2.5	2.5	2.0	2.0	4.0	4.5	6.5	6.0	7.0	3.5	7.0
19	3.0	1.0	1.5	2.0	1.5	1.0	4.0	8.0	8.5	11.5	12.5	10.5	9.5	8.0	10.0	9.0	7.0	7.0	8.0	8.0	5.0	3.0	5.0	6.5	6.5	12.5
20	4.0	2.0	2.5	2.0	3.0	2.5	3.0	3.0	3.0	3.0	3.5	3.0	3.0	3.0	3.0	5.0	2.5	1.5	3.0	2.0	2.5	2.0	1.5	2.0	2.5	5.0
21	1.5	2.0	2.5	2.5	2.5	1.0	1.5	1.0	3.0	3.0	4.0	3.5	3.5	2.5	3.5	1.5	1.0	2.0	2.0	2.5	3.5	3.0	3.5	2.0	2.5	4.0
22	2.0	2.5	3.0	2.0	2.5	2.0	2.5	2.5	2.0	2.5	2.5	4.0	3.5	3.0	2.5	2.0	3.5	1.5	2.5	3.0	3.0	3.0	2.0	2.0	2.5	4.0
23	2.5	2.0	2.5	2.0	2.5	6.0	4.0	2.5	3.5	2.0	3.5	2.0	2.5	2.5	2.0	2.0	1.5	3.0	3.0	3.0	2.5	3.0	3.0	3.0	3.0	6.0
24	3.5	3.5	3.0	3.5	3.5	3.5	3.0	3.0	2.5	3.0	2.0	1.5	2.5	3.0	2.0	1.5	2.0	2.0	3.0	3.0	2.0	2.0	2.0	2.0	2.5	3.5
25	2.5	2.0	6.5	7.0	6.0	9.0	5.0	8.5	9.5	8.5	9.5	10.0	9.5	8.0	8.0	4.5	3.5	3.0	1.5	3.0	3.0	4.0	4.0	2.5	6.0	10.0
26	3.0	3.0	2.0	2.0	2.5	2.5	2.5	2.0	2.0	1.5	1.5	2.0	3.5	4.5	3.5	4.5	2.5	2.0	2.0	2.0	2.5	2.0	1.5	1.5	2.5	4.5
27	2.5	2.0	2.0	2.5	2.5	1.5	1.5	1.5	1.5	2.0	2.5	3.5	3.5	4.0	3.5	3.0	1.5	2.0	2.0	1.5	2.0	1.5	1.5	1.5	2.0	4.0
28	2.0	1.5	2.0	1.5	1.5	1.5	1.0	1.0	1.5	2.5	3.0	3.5	4.5	5.0	9.0	9.5	10.0	9.0	8.0	3.5	5.5	4.5	3.0	3.5	4.0	10.0
29	3.5	4.0	3.0	2.5	3.5	2.5	2.5	2.0	4.0	3.5	3.5	5.0	5.5	6.5	8.0	8.0	6.5	5.5	6.0	6.0	4.0	3.0	3.5	3.0	4.5	8.0
30	3.5	2.5	2.5	3.5	2.0	3.5	5.5	4.0	3.5	4.5	3.5	4.0	4.0	5.0	5.0	3.5	2.5	3.5	2.5	2.5	3.0	3.0	2.5	2.0	3.5	5.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	2.5	2.5	2.5	3.0	2.5	3.0	3.0	3.0	3.0	3.5	4.0	4.0	4.5	4.0	4.0	3.5	3.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	[ ]
SD	.6	.7	.9	1.0	.9	1.6	1.1	1.7	1.8	2.0	2.2	1.9	1.7	1.4	2.1	2.1	2.0	1.8	1.6	1.3	.9	.9	1.0	1.2	.9	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1.5	2.5	3.5	3.5	3.0	3.5	3.5	4.0	4.0	3.5	3.0	2.5	3.0	3.0	5.0	3.0	1.5	3.0	2.5	2.0	3.0	2.5	1.0	2.0	3.0	5.0
2	2.0	2.5	2.5	2.0	3.0	3.5	1.5	2.0	3.0	2.5	2.0	3.0	3.5	3.5	5.5	2.0	2.5	1.5	2.5	3.0	2.5	3.0	2.5	3.0	2.5	5.5
3	3.0	3.0	3.5	3.0	3.0	2.5	3.0	2.5	2.5	2.5	2.5	3.5	4.0	3.0	2.5	2.5	2.0	1.5	3.0	2.5	2.5	2.5	3.0	3.0	3.0	4.0
4	3.0	3.5	3.5	3.0	3.5	3.0	2.0	2.5	2.5	2.5	2.5	3.5	4.5	4.0	3.0	3.5	1.5	1.5	1.5	2.0	1.5	1.0	1.0	1.0	2.5	4.5
5	2.5	2.5	2.0	2.0	2.0	2.0	1.5	2.0	2.0	2.0	2.5	4.5	4.0	3.0	3.5	2.5	2.0	1.5	2.5	1.5	2.0	2.0	2.0	2.0	2.5	4.5
6	2.0	4.0	2.0	2.5	1.0	1.0	1.5	2.0	2.0	2.5	3.0	4.0	3.0	6.0	4.5	4.5	3.0	1.0	.5	1.0	.5	1.5	3.5	2.5	2.5	6.0
7	3.5	2.0	3.0	2.5	2.0	2.0	2.5	2.0	1.5	2.0	1.5	2.5	2.0	.5	1.0	4.0	2.0	2.5	3.0	3.0	2.5	2.5	1.5	3.5	2.5	4.0
8	3.0	2.5	3.5	4.5	5.0	2.5	4.0	3.5	2.0	2.5	4.0	2.5	3.5	6.0	4.5	3.5	2.5	3.5	1.5	2.5	3.5	3.0	3.0	2.0	3.5	6.0
9	3.0	2.5	1.5	2.0	2.0	2.0	1.5	2.0	2.5	2.0	2.0	3.0	2.5	3.0	3.0	3.5	3.5	3.0	2.5	3.5	2.0	2.0	2.5	2.5	2.5	3.5
10	2.5	2.0	2.0	2.5	2.0	2.0	2.5	2.0	2.5	2.0	2.0	2.5	3.0	3.0	2.0	3.0	2.5	2.0	2.0	2.0	2.0	2.5	2.5	3.0	2.5	3.0
11	2.5	1.5	2.5	1.5	2.0	1.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	3.5	3.0	3.0	3.0	2.5	2.5	2.5	2.0	2.0	2.5	2.0	2.5	3.5
12	2.5	1.5	2.0	1.5	2.0	1.5	1.0	1.5	1.0	2.0	2.0	2.5	2.0	2.0	5.0	4.0	3.5	2.5	3.0	4.0	2.5	2.5	3.0	3.5	2.5	5.0
13	3.5	3.5	3.0	3.0	2.0	1.0	1.0	1.0	1.5	2.0	2.0	6.5	4.5	4.0	5.5	7.0	3.5	3.5	3.5	3.5	5.5	5.5	4.0	8.0	3.5	8.0
14	5.0	5.0	5.5	5.0	4.0	3.5	3.5	4.0	3.5	4.0	4.0	4.0	4.5	3.0	3.5	2.0	1.5	2.5	2.0	3.0	2.0	3.0	3.5	3.5	3.5	5.5
15	4.0	4.0	3.0	1.5	1.5	2.5	2.5	2.0	1.5	2.0	2.5	2.5	3.0	3.0	2.0	1.5	2.0	1.5	2.5	3.5	2.5	2.0	1.5	1.5	2.5	4.0
16	1.5	2.5	2.0	1.5	1.0	2.0	2.0	2.0	1.0	2.0	2.0	3.0	3.5	3.0	1.5	1.5	3.0	2.0	2.0	2.5	2.0	2.0	2.0	1.0	2.0	3.5
17	1.5	2.5	2.0	1.5	1.5	1.5	1.0	1.0	1.0	1.5	1.5	4.0	3.5	3.0	3.5	2.5	2.0	2.0	1.5	2.0	2.0	2.0	2.0	2.5	2.0	4.0
18	2.5	2.5	1.5	2.5	2.5	2.5	3.0	3.5	2.0	2.0	2.5	3.0	4.0	3.5	3.0	2.5	1.5	3.0	2.5	2.0	1.5	2.5	2.0	2.5	2.5	4.0
19	2.5	2.0	2.5	2.5	3.0	2.0	2.5	2.0	2.5	1.5	2.5	4.0	3.5	4.0	4.0	3.0	3.0	2.5	2.0	2.5	2.0	2.5	2.5	3.0	2.5	4.0
20	2.5	1.5	2.0	3.5	2.5	2.5	2.5	2.0	1.5	[PF]	[PF]	[PF]	[PF]	3.0	5.0	3.5	5.5	2.5	1.5	1.5	1.5	2.0	1.5	2.0	2.5	5.5
21	2.0	3.0	2.0	2.0	1.5	2.5	1.5	1.5	2.0	2.5	2.5	2.5	3.0	4.0	2.0	1.5	2.0	1.5	1.5	2.0	2.0	2.0	1.5	3.0	2.0	4.0
22	2.5	3.0	2.5	2.5	3.0	2.5	2.5	2.0	1.5	2.5	4.0	4.0	4.0	3.5	3.0	2.0	1.5	1.5	2.5	2.5	2.0	2.5	2.5	3.0	2.5	4.0
23	3.0	2.0	2.0	2.0	1.5	2.0	1.5	1.5	1.0	1.5	1.5	2.5	2.5	2.5	3.0	2.5	1.5	1.5	1.5	2.0	1.5	2.0	1.5	2.0	2.0	3.0
24	3.0	3.0	3.5	3.0	3.0	1.5	1.0	1.0	1.0	1.0	1.5	3.0	3.0	4.0	3.5	5.0	2.0	2.5	3.5	3.5	2.5	1.5	2.0	1.5	2.5	5.0
25	1.5	1.0	1.5	3.0	2.0	5.0	2.5	2.5	1.5	2.0	2.5	6.0	5.0	3.0	2.5	1.0	2.5	1.5	1.0	2.5	3.0	2.5	1.0	1.5	2.5	6.0
26	1.5	1.0	1.0	1.0	1.5	1.5	1.5	1.5	2.0	1.5	3.0	3.5	3.0	3.0	5.0	2.0	2.5	1.0	1.0	1.0	1.0	3.0	2.0	1.5	2.0	5.0
27	2.0	1.5	1.5	1.0	1.0	2.0	1.5	2.0	1.5	1.0	2.0	2.0	2.0	3.5	1.0	1.5	2.5	1.0	2.0	2.5	2.5	3.5	3.0	2.0	2.0	3.5
28	3.0	2.5	2.5	3.0	2.5	2.0	2.0	2.0	1.5	2.0	1.5	2.0	2.5	2.0	1.5	1.0	1.5	1.5	3.0	2.0	2.5	2.5	3.5	3.0	2.0	3.5
29	3.0	3.5	4.0	2.5	3.0	2.0	3.0	3.5	2.0	1.5	3.0	2.5	4.0	4.0	4.0	3.0	1.0	1.0	2.0	3.0	2.5	2.0	2.0	2.5	2.5	4.0
30	2.5	2.5	2.0	2.5	2.5	2.5	2.5	3.5	1.0	1.5	2.0	4.5	2.5	5.0	4.5	4.0	2.0	1.5	2.5	3.5	3.0	1.5	2.0	3.0	2.5	5.0
31	5.0	4.0	1.5	3.5	2.0	2.5	4.0	2.5	2.5	2.5	3.0	3.5	2.5	3.5	6.5	4.5	6.0	4.5	3.5	6.5	5.0	6.0	5.5	4.5	4.0	6.5
AV	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.0	2.0	2.0	2.5	3.5	3.5	3.5	3.5	3.0	2.5	2.0	2.0	2.5	2.5	2.5	2.5	2.5	2.5	[ ]
SD	.9	.9	.9	.9	.9	.8	.8	.8	.7	.6	.7	1.0	.8	1.0	1.4	1.3	1.1	.8	.7	1.0	1.0	1.0	1.0	1.3	.5	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.5	4.0	4.5	2.0	2.5	3.0	2.0	2.0	1.5	1.5	2.0	2.5	4.5	3.5	2.5	2.0	3.5	3.0	2.0	2.5	2.5	2.5	3.0	3.5	3.0	4.5
2	3.5	3.5	3.5	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	3.5	3.5
3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
4	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	2.5	3.5	2.5	2.0	2.5	2.0	2.5	2.5	2.5	2.5	2.5	2.5	3.5
5	3.0	2.5	2.5	2.0	2.5	2.5	3.0	2.0	2.5	2.5	3.0	2.5	3.0	3.0	2.5	2.5	2.0	2.5	2.5	1.5	3.0	2.5	3.0	4.5	2.5	4.5
6	2.0	2.0	2.0	1.5	2.5	2.5	2.5	2.0	2.5	2.5	2.0	2.5	2.5	4.0	4.5	3.5	3.0	2.5	2.0	1.5	2.0	2.5	2.5	3.0	2.5	4.5
7	3.5	3.5	3.0	3.5	3.5	3.5	3.0	2.5	2.5	2.0	2.0	2.5	3.0	2.5	1.5	1.5	2.0	1.5	2.0	2.0	2.0	1.5	1.5	1.0	2.5	3.5
8	1.0	1.5	1.5	1.5	2.0	2.0	2.0	1.5	1.5	2.0	3.0	2.5	3.0	2.5	3.0	2.5	1.5	2.0	1.5	2.5	1.5	2.0	2.0	1.5	2.0	3.0
9	2.3	1.3	2.0	2.5	2.0	2.0	2.0	2.5	2.5	2.0	2.5	2.5	2.5	2.5	2.0	2.0	2.5	1.5	2.0	2.0	1.5	2.0	1.5	1.5	2.0	2.5
10	1.0	2.0	2.5	2.0	2.5	3.5	3.0	2.5	2.5	2.0	2.5	1.5	3.5	3.5	4.0	2.5	1.0	2.0	2.5	2.0	2.0	3.0	3.0	3.5	2.5	4.0
11	4.0	3.5	4.0	2.5	2.5	3.5	4.0	2.5	2.5	2.5	2.5	3.0	4.0	4.0	3.5	1.5	1.0	1.5	2.0	1.5	1.0	1.5	1.0	1.5	2.5	4.0
12	1.5	2.0	1.5	2.5	1.5	2.0	2.5	1.5	1.0	1.5	2.0	3.0	2.5	3.0	4.0	2.5	4.5	3.0	2.5	2.5	4.5	3.0	3.5	2.0	2.5	4.5
13	3.5	6.5	5.5	3.0	3.0	3.0	3.5	2.5	3.5	3.5	3.5	2.5	3.5	3.0	3.0	2.5	2.5	2.5	3.5	2.5	3.5	4.0	3.0	3.5	3.5	6.5
14	4.0	3.0	3.0	3.5	2.0	3.0	3.0	3.5	3.0	2.5	2.5	3.0	3.5	2.5	2.5	2.0	3.0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	3.0	4.0
15	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
16	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	3.5	3.5	4.0	3.5	2.0	1.5	2.0	1.5	1.5	2.0	2.5	2.5	3.0	2.5	4.0
17	2.0	1.5	2.5	3.0	3.0	2.5	2.5	2.0	2.0	2.0	3.0	2.5	3.0	4.5	4.0	3.0	2.5	1.0	2.0	2.5	1.5	3.0	3.0	3.0	2.5	4.5
18	3.0	3.5	2.5	2.0	2.5	2.5	2.5	1.5	2.5	1.5	2.5	3.0	3.0	3.5	3.5	2.5	8.0	3.5	2.0	2.5	2.5	2.5	1.5	1.5	3.0	8.0
19	1.5	2.5	2.5	2.0	1.5	1.5	1.5	1.5	1.5	1.5	2.0	2.5	4.0	3.5	4.5	3.0	2.5	2.0	2.5	3.0	3.0	2.5	3.0	3.0	2.5	4.5
20	3.5	4.0	3.5	3.5	3.0	2.5	2.0	3.0	1.5	3.0	2.0	3.0	4.0	4.5	4.0	2.5	2.0	1.0	1.5	2.5	2.0	2.0	1.0	2.5	2.5	4.5
21	2.3	3.5	3.0	3.5	3.0	2.5	2.0	2.5	2.5	2.5	3.0	4.0	3.5	4.0	4.0	3.5	3.5	1.0	2.0	2.5	2.5	3.0	3.0	3.5	3.0	4.0
22	2.5	3.0	3.0	3.5	3.0	2.0	2.5	2.5	1.5	2.0	2.5	3.5	4.5	3.5	4.0	4.0	3.0	2.0	1.0	2.0	1.5	3.0	2.5	3.5	3.0	4.5
23	2.5	3.5	2.5	3.0	3.0	2.0	2.5	2.5	2.0	3.5	3.5	5.0	5.0	4.5	3.0	5.5	2.5	2.5	2.0	1.5	1.5	1.5	2.5	2.5	3.0	5.5
24	1.5	2.0	2.0	1.0	1.0	1.0	1.5	1.5	2.0	3.5	2.5	4.5	5.0	4.5	4.0	3.5	3.5	2.0	1.5	1.5	2.5	2.0	3.5	3.0	2.5	5.0
25	3.0	3.0	3.5	3.5	4.0	4.0	5.0	4.5	3.5	3.0	2.0	2.0	3.0	3.0	5.5	9.0	5.0	2.5	2.5	2.5	3.5	3.0	3.0	3.0	3.5	9.0
26	3.0	3.5	4.0	4.0	4.0	3.5	4.5	4.5	3.0	3.0	2.5	3.0	3.0	4.5	4.0	3.5	2.5	7.0	3.0	2.0	2.5	3.5	2.5	3.0	3.5	7.0
27	3.0	2.0	1.5	2.0	2.0	2.5	3.5	2.5	2.5	2.5	3.5	3.0	2.5	4.0	3.0	4.5	4.5	2.5	2.0	1.5	1.5	2.0	2.5	2.5	2.5	4.5
28	2.0	2.0	2.5	2.5	2.5	3.0	2.0	2.5	2.0	2.0	4.5	3.5	3.0	4.0	3.0	3.0	3.0	1.5	1.5	2.5	3.0	4.0	2.0	2.0	2.5	4.5
29	3.0	4.0	2.5	2.0	2.5	2.5	3.0	2.0	2.5	2.5	2.5	4.5	4.5	4.0	4.0	3.0	2.0	1.0	2.0	2.0	2.5	3.0	3.5	3.0	3.0	4.5
30	3.5	2.5	3.5	3.0	2.5	3.0	3.0	2.0	1.5	2.5	3.5	3.0	4.5	3.5	4.5	3.0	2.5	2.0	5.0	10.0	9.0	7.0	3.5	4.0	4.0	10.0
31	2.0	1.5	2.0	3.0	2.5	3.0	3.5	3.5	3.0	2.5	3.0	4.0	4.0	3.5	4.0	3.0	3.5	3.0	1.5	1.5	2.0	3.0	3.0	3.0	3.0	4.0
AV	2.5	3.0	3.0	2.5	2.5	2.5	3.0	2.5	2.5	2.5	2.5	3.0	3.5	3.5	3.5	3.0	3.0	2.5	2.0	2.5	2.5	3.0	2.5	2.5	3.0	[ ]
SD	.9	1.1	.9	.8	.7	.7	.8	.8	.6	.6	.6	.8	.8	.7	.8	1.4	1.4	1.1	.8	1.6	1.5	1.1	.7	.8	.4	[ ]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

NOVEMBER,1975

AEROVIRONMENT INC.

```
**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 11 APR 76   *
*                    *
**********************
*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
**********************
```

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	345	320	340	340	340	345	350	345	100	30	120	115	170	300	210	220	295	345	345	5	345	0	10	355	[VA]	
2	0	340	0	350	350	350	350	355	10	35	30	295	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	1	
3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	220	230	270	165	325	0	355	355	355	345	1	
4	20	330	350	355	355	5	345	0	5	45	110	65	70	200	230	320	220	320	350	5	0	350	350	355	16	
5	355	355	330	355	350	355	325	0	355	75	95	155	0	235	205	215	270	235	0	355	345	345	355	340	16	
6	340	0	345	35	340	345	345	330	40	30	75	70	155	190	310	325	275	350	350	0	350	340	355	345	16	
7	0	355	345	350	0	355	5	350	0	0	15	115	5	210	210	345	325	300	280	205	195	195	200	225	1	
8	330	0	355	345	0	20	350	330	285	5	30	340	5	150	50	70	25	350	300	335	350	280	195	355	1	
9	5	330	200	350	330	205	240	350	30	155	325	165	170	200	255	285	315	350	355	345	355	0	5	355	16	
10	345	355	320	340	265	305	325	345	275	120	190	40	320	5	40	5	240	340	305	240	275	335	285	5	16	
11	265	345	320	340	335	290	280	340	10	210	20	5	10	230	190	295	290	225	195	290	310	260	0	0	16	
12	5	340	355	340	320	355	5	15	45	50	115	180	85	315	345	340	325	310	285	355	0	350	5	350	16	
13	335	350	355	10	0	0	350	355	30	90	200	125	30	345	240	210	290	280	350	355	350	320	350	290	1	
14	340	335	335	345	270	340	10	25	350	60	170	210	240	10	220	270	265	345	355	330	0	350	350	10	1	
15	340	330	0	0	355	5	355	355	15	50	20	140	345	20	235	310	320	350	305	355	0	5	0	355	[VA]	
16	0	355	355	5	350	335	330	350	0	65	80	140	140	335	325	240	265	355	355	5	350	355	355	350	16	
17	355	15	350	355	0	350	0	0	20	65	120	150	160	150	195	290	230	320	340	345	345	330	350	350	1	
18	5	0	350	350	0	355	355	5	0	110	115	120	150	240	320	230	215	325	235	30	100	0	45	20	1	
19	140	225	150	315	320	270	170	30	20	10	20	25	40	35	30	30	35	25	20	30	10	355	5	325	2	
20	295	320	350	340	355	0	0	355	15	355	90	130	40	35	320	10	15	285	200	0	355	355	340	325	1	
21	345	355	10	350	195	190	300	180	150	140	60	30	350	325	120	205	245	305	10	355	0	5	5	310	1	
22	350	5	5	350	0	345	0	325	10	110	235	100	230	95	195	215	260	310	355	355	5	350	340	355	1	
23	335	315	340	345	10	355	350	10	355	35	160	215	310	220	275	295	310	330	340	0	5	350	350	345	16	
24	355	0	5	355	0	355	355	355	355	5	10	335	340	225	305	335	355	285	0	345	15	350	350	240	[VA]	
25	335	340	240	330	305	320	350	25	20	25	10	20	15	25	30	50	80	200	180	345	355	355	5	345	2	
26	5	10	280	10	355	355	320	330	10	300	270	15	185	185	205	175	330	125	220	170	35	350	20	215	1	
27	25	5	340	10	50	310	325	10	335	110	55	105	145	155	155	155	115	145	340	350	350	165	130	335	16	
28	170	170	125	350	180	165	285	315	25	180	160	15	335	235	190	180	190	180	180	220	250	200	270	290	9	
29	325	5	5	15	350	345	15	355	355	285	195	275	320	345	350	345	350	285	245	350	325	255	345	345	16	
30	350	190	340	5	295	350	345	345	355	5	15	15	250	235	295	295	200	275	190	105	205	340	355	325	1	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	1	16	16	[VA]	16	16	16	1	2	3	2	7	16	11	10	14	13	15	16	1	16	16	1	16	16	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	325	350	0	0	10	355	5	355	350	10	40	355	5	185	315	255	220	300	325	345	345	350	0	0	1	
2	345	325	340	340	0	0	230	330	5	5	30	355	160	185	355	255	250	40	330	350	350	355	345	345	[VA]	
3	355	0	350	5	350	355	355	350	15	0	25	130	160	215	210	190	265	335	345	0	350	355	355	355	1	
4	350	355	355	355	355	350	345	355	10	55	350	140	150	110	350	335	215	285	220	355	160	195	275	145	[VA]	
5	315	240	[VA]	270	15	15	345	345	35	[VA]	330	310	165	170	180	45	275	30	315	160	285	180	355	335	[VA]	
6	230	50	5	310	160	290	345	0	355	45	140	145	20	20	5	350	315	50	135	150	345	230	220	50	1	
7	70	165	340	40	60	70	50	105	20	210	330	270	265	245	335	350	290	210	90	185	60	40	0	25	4	
8	200	280	5	210	175	210	180	345	215	50	245	300	265	295	305	270	330	285	240	220	305	230	195	230	[VA]	
9	40	30	105	35	25	40	30	30	125	150	175	155	135	145	155	155	160	165	170	160	220	145	70	330	8	
10	175	120	160	130	135	180	165	145	105	100	155	200	155	145	115	165	165	170	160	155	345	150	155	160	8	
11	195	290	330	175	145	165	245	150	90	155	90	115	165	210	120	160	215	315	325	10	160	90	120	145	8	
12	185	100	120	30	335	185	20	40	340	15	330	190	320	95	215	185	190	190	205	195	0	350	355	355	1	
13	0	0	355	350	265	275	175	230	15	145	20	200	235	250	210	205	220	140	225	190	345	340	265	355	1	
14	345	340	355	15	35	50	65	30	80	40	45	20	40	20	10	340	0	10	0	355	15	355	0	10	1	
15	355	345	355	330	5	355	350	0	40	15	70	120	40	265	225	200	215	135	10	10	355	0	265	340	1	
16	15	320	5	195	250	165	310	0	65	60	50	90	160	170	295	220	330	150	230	195	305	10	355	345	1	
17	315	350	0	310	200	255	340	315	155	40	55	155	160	180	195	200	255	345	260	345	0	345	0	345	16	
18	355	350	345	0	355	355	355	335	15	350	350	155	150	170	210	210	0	315	320	340	320	335	350	355	16	
19	355	345	350	0	0	5	350	330	0	0	110	135	170	165	195	190	30	210	20	345	345	350	355	0	1	
20	355	320	345	355	345	355	355	355	330	[PF]	[PF]	[PF]	[PF]	190	185	205	5	15	315	320	340	355	315	340	16	
21	340	355	0	340	335	350	340	320	355	65	60	80	145	145	210	280	250	190	345	45	185	215	345	355	16	
22	15	335	350	355	350	350	355	350	10	140	145	145	150	170	185	190	235	100	5	355	355	355	0	350	1	
23	0	350	350	310	335	300	295	165	250	175	25	145	90	120	20	250	230	235	170	0	320	0	345	325	1	
24	355	355	355	355	0	305	325	305	310	335	140	30	355	190	225	350	145	190	10	15	35	15	165	230	1	
25	170	105	175	335	180	350	335	320	210	0	125	15	55	180	210	235	330	135	245	10	20	25	20	255	2	
26	195	275	50	290	185	315	340	15	355	25	160	150	140	165	10	95	35	280	175	225	190	295	205	220	9	
27	320	330	175	335	295	270	335	270	325	20	355	60	30	95	255	230	270	160	260	325	295	330	285	15	[VA]	
23	330	330	345	335	345	355	310	350	20	10	10	125	140	30	30	265	315	5	355	0	5	0	350	5	1	
29	0	355	355	345	355	350	355	355	15	15	50	110	155	150	55	135	160	330	320	355	355	355	345	340	1	
30	340	350	350	325	15	325	355	340	5	25	35	155	60	340	315	190	190	235	35	340	325	35	340	345	16	
31	10	15	300	350	330	295	245	185	170	125	245	205	215	320	335	355	40	25	275	340	345	0	355	340	1	
PV	16	16	[VA]	16	1	1	16	16	[VA]	2	3	7	8	8	10	[VA]	11	9	1	16	16	1	[VA]	1	1	

ND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 5

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	325	350	345	255	270	280	225	315	310	190	335	205	310	30	310	340	345	350	350	345	355	335	355	350	16	
2	350	345	350	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[VA]	
3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	
4	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	15	200	195	260	255	0	355	355	355	10	355	1	
5	15	350	0	350	315	320	190	290	335	285	195	10	165	235	280	45	190	240	210	215	320	180	5	0	1	
6	195	245	255	270	315	340	350	345	5	330	25	330	35	355	355	190	265	335	175	190	330	350	320	350	16	
7	5	5	340	0	355	0	0	355	15	15	345	210	130	345	250	165	270	20	345	355	320	320	350	305	[VA]	
8	250	160	195	255	240	15	155	120	70	240	20	190	200	250	220	325	255	250	65	355	345	345	340	320	12	
9	350	290	350	355	0	335	340	325	350	10	10	55	15	205	270	215	175	270	245	220	335	280	320	315	16	
10	215	270	265	185	255	230	250	240	250	285	45	300	180	220	200	210	275	355	20	335	345	355	355	0	12	
11	355	0	0	350	355	355	355	340	355	10	5	340	165	190	220	260	285	190	320	320	335	285	230	270	16	
12	170	305	240	295	180	355	5	285	255	285	30	260	0	245	275	260	190	200	340	205	335	195	335	295	14	
13	275	250	340	215	345	335	0	280	5	10	15	340	15	320	215	200	270	340	0	355	355	355	350	355	1	
14	330	355	0	355	0	350	355	0	5	5	345	315	175	260	185	205	10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	1	
15	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	
16	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	145	140	175	200	200	285	190	270	190	355	345	355	350	9	
17	345	325	350	350	355	355	355	350	5	10	30	95	195	190	185	185	235	240	10	350	350	350	355	350	1	
18	355	355	350	350	350	345	355	285	350	105	15	25	140	190	170	170	350	180	0	10	355	300	260	280	1	
19	175	195	245	220	265	325	320	330	325	270	340	130	150	100	325	285	260	220	345	0	0	355	355	355	[VA]	
20	335	355	0	355	355	350	350	355	10	15	0	270	155	160	185	315	220	235	30	350	340	345	335	350	1	
21	0	350	345	355	350	350	350	355	355	0	355	140	150	165	200	200	215	220	355	350	355	355	350	355	1	
22	350	355	355	0	355	350	355	355	0	30	5	345	150	175	340	255	210	270	35	195	0	350	355	0	1	
23	0	0	355	355	355	345	355	345	50	45	65	140	140	140	140	15	110	160	145	270	175	150	275	300	1	
24	135	320	250	175	160	235	320	340	195	190	115	40	25	25	220	190	200	260	25	215	355	10	335	350	[VA]	
25	355	355	335	330	355	5	355	350	0	0	0	195	50	20	350	355	325	230	340	35	0	355	0	0	1	
26	0	0	355	355	350	5	350	355	355	0	55	75	170	165	180	200	135	5	150	40	270	320	325	0	1	
27	350	350	330	340	10	343	345	350	340	15	150	125	300	65	160	30	235	255	195	340	280	350	350	20	1	
28	295	10	335	350	5	15	295	10	55	50	145	240	255	175	210	190	320	285	270	15	355	355	350	0	1	
29	5	355	355	355	320	345	355	345	100	80	25	165	155	135	15	205	315	285	240	350	0	355	355	355	[VA]	
30	355	5	355	0	325	355	350	225	340	225	105	225	150	180	340	230	185	260	275	30	25	300	280	330	1	
31	200	270	325	0	355	325	0	0	350	20	80	160	135	160	195	185	260	210	260	215	0	0	355	355	1	
PV	1	1	16	1	1	16	16	16	16	2	1	7	8	8	10	10	13	12	1	1	16	16	16	1	16	

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	17.0	12.0	10.0	9.0	13.0	10.0	12.0	11.0	7.0	4.0	5.0	6.5	5.0	7.0	5.0	5.0	8.0	7.5	9.5	13.5	14.0	15.0	9.5	9.5	9.5	17.0
2	15.0	12.0	9.0	6.5	11.0	8.5	8.0	5.5	4.5	3.5	5.5	5.5	6.0	6.5	8.0	6.5	5.5	8.0	7.5	11.5	14.5	15.0	15.0	14.5	9.0	15.0
3	14.0	13.0	9.5	6.5	9.0	13.0	9.5	7.0	5.5	3.0	5.0	6.0	7.0	8.0	7.0	5.5	8.0	5.5	6.5	8.5	13.5	15.5	14.5	15.0	9.0	15.5
4	13.0	13.0	8.0	9.0	10.0	8.0	6.0	10.5	5.0	4.0	4.0	4.5	5.0	7.0	8.0	6.5	6.0	5.5	7.0	12.5	11.5	16.0	16.0	16.0	9.0	16.0
5	9.5	9.0	8.0	8.5	7.5	8.5	4.0	4.5	3.5	4.0	5.5	6.0	[MT]	7.5	8.5	10.5	11.0	6.0	8.5	12.5	11.5	10.5	13.0	13.0	8.5	13.0
6	8.5	8.0	8.5	7.0	6.0	6.0	6.0	7.5	10.0	5.5	4.5	6.5	6.0	12.5	16.5	17.0	8.5	8.5	12.5	8.5	5.5	11.0	12.5	12.0	9.0	17.0
7	11.0	13.5	12.0	14.0	15.5	11.5	12.0	6.5	4.5	3.5	3.5	7.0	10.5	8.5	12.0	15.5	16.0	15.0	22.5	17.0	13.0	17.5	10.5	6.5	11.5	22.5
8	3.5	3.5	8.0	6.5	5.0	10.5	15.0	17.5	16.5	10.0	6.0	7.0	7.0	4.0	5.0	6.0	7.5	11.5	8.5	6.5	12.0	13.5	7.0	8.5	8.5	17.5
9	7.5	8.0	8.5	13.0	18.5	12.5	7.5	12.5	8.0	10.5	11.0	10.0	8.5	11.0	9.0	7.0	3.5	7.5	11.0	13.0	15.0	8.0	11.5	10.5	10.0	18.5
10	10.5	11.0	6.5	5.0	4.5	5.5	3.5	5.0	3.0	4.0	9.0	9.0	16.0	9.5	9.5	9.0	11.5	12.5	20.5	23.5	17.0	11.0	15.5	13.0	10.0	23.5
11	7.0	17.5	18.5	22.0	20.5	24.5	24.0	22.0	11.5	8.0	9.0	11.0	8.5	19.5	16.0	17.5	20.5	21.5	14.0	8.0	6.0	7.0	8.5	13.5	15.0	24.5
12	19.0	17.5	21.5	17.0	17.0	12.5	9.0	12.0	13.5	6.0	7.5	7.0	6.0	7.0	10.0	5.5	5.0	10.0	6.0	5.5	10.0	15.5	14.5	15.0	11.0	21.5
13	9.5	8.0	10.5	16.0	9.5	11.5	14.0	7.0	5.5	3.5	6.0	7.5	10.0	10.0	6.5	5.5	4.0	6.0	5.0	9.0	14.5	18.0	14.5	12.5	9.5	18.0
14	14.0	10.5	12.5	13.0	12.0	11.5	7.0	7.0	5.5	4.5	5.0	6.0	8.5	10.0	7.0	11.0	9.5	4.0	8.0	12.5	7.0	9.0	7.5	8.5	9.0	14.0
15	10.0	8.0	12.0	7.0	8.0	9.0	12.0	5.0	7.0	5.0	3.5	6.5	8.5	10.0	9.5	7.0	12.5	7.5	5.0	8.0	11.0	14.0	12.5	8.0	8.5	14.0
16	7.5	9.0	7.5	7.5	7.5	8.0	6.5	5.0	3.5	3.5	4.5	7.5	9.0	12.0	8.0	6.0	3.5	5.5	10.0	12.0	8.5	10.5	6.0	5.5	7.5	12.0
17	5.0	4.5	7.5	8.0	8.0	6.5	5.5	7.5	4.5	3.5	5.5	7.5	9.5	5.5	8.0	5.5	4.0	5.5	7.0	8.0	9.5	6.0	9.5	8.5	6.5	9.5
18	7.0	9.0	10.5	14.5	13.0	10.5	11.0	10.0	4.5	7.5	9.0	7.5	8.0	6.0	9.5	11.5	11.0	6.0	6.5	14.5	17.5	16.0	17.0	14.5	10.5	17.5
19	8.5	5.0	3.5	6.5	7.0	6.5	7.5	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	18.0	19.5	18.0	23.5	24.0	14.5	12.5	10.5	5.0	12.0	24.0
20	5.5	8.0	12.0	10.5	10.0	16.0	16.0	21.0	18.5	6.5	5.0	6.5	6.5	6.5	6.5	8.0	5.0	8.0	5.5	6.0	9.0	9.0	7.5	9.0	9.5	21.0
21	11.5	7.5	7.5	5.0	7.5	4.5	2.5	1.5	6.0	8.5	7.0	6.5	6.0	7.0	6.0	4.0	3.5	6.5	12.0	16.5	16.5	19.5	19.5	21.5	9.0	21.5
22	17.5	11.5	10.0	9.0	14.0	14.5	9.0	6.5	7.0	3.5	5.0	7.0	6.5	6.5	3.5	3.5	6.5	5.0	8.0	8.5	10.0	11.5	4.5	9.5	8.5	17.5
23	6.5	5.0	10.5	6.0	9.0	9.0	8.5	6.0	7.0	5.5	5.5	6.5	4.0	4.0	3.5	5.5	4.5	6.0	7.5	10.5	9.5	9.0	10.5	14.5	7.5	14.5
24	13.0	14.0	10.5	11.0	9.5	11.0	10.5	8.5	8.0	6.0	6.0	4.5	5.0	5.0	3.0	4.0	4.0	6.0	8.0	6.0	9.0	4.5	7.0	7.0	7.5	14.0
25	6.0	7.5	17.5	15.5	15.0	24.5	18.5	19.5	21.5	16.5	20.0	22.5	22.0	20.5	16.5	15.5	15.0	12.5	12.0	15.5	21.5	15.5	18.5	22.0	17.0	24.5
26	23.0	23.5	21.0	13.5	11.0	11.5	9.0	8.5	6.5	5.5	5.5	11.5	21.0	21.5	21.5	18.5	14.5	4.5	7.5	8.5	3.0	3.5	4.5	4.5	12.0	23.5
27	6.0	7.0	7.0	7.5	6.0	2.5	2.5	1.0	2.0	4.5	5.0	9.0	8.5	7.0	6.0	5.5	2.5	4.0	3.5	3.0	7.0	8.5	6.0	3.5	5.0	9.0
28	4.0	3.0	3.5	2.0	2.5	1.5	.5	1.5	3.5	16.5	12.5	14.5	15.0	24.5	32.5	33.5	31.0	24.5	24.5	23.5	24.0	23.0	20.5	21.5	15.0	33.5
29	16.5	7.5	7.5	5.5	6.5	7.0	6.0	4.5	3.5	17.0	20.5	32.0	33.5	27.0	36.0	24.5	39.0	32.0	35.0	38.0	24.0	19.0	18.5	8.5	19.5	39.0
30	17.0	19.5	10.0	13.5	18.5	18.0	13.0	4.5	7.5	4.5	5.0	12.0	20.5	22.5	20.5	15.5	13.0	19.5	18.0	13.5	11.5	11.5	9.5	7.5	13.5	22.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	11.0	10.0	10.5	10.0	10.5	10.5	9.0	8.5	7.5	6.5	7.0	9.0	10.5	11.0	11.0	10.5	10.5	10.0	11.5	12.5	12.5	12.5	11.5	11.5	10.0	[ ]
SD	4.9	4.7	4.3	4.4	4.4	5.2	5.0	5.4	4.7	4.0	4.1	5.6	6.6	6.5	7.9	6.9	8.2	6.7	7.1	7.0	5.0	4.6	4.5	4.6	3.1	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	11.5	9.5	6.0	10.0	16.0	8.5	12.0	9.5	7.0	7.0	7.5	8.0	8.0	14.5	15.0	12.5	5.0	5.5	6.0	6.5	9.5	7.0	5.0	6.0	9.0	16.0
2	6.0	8.5	6.0	7.0	6.5	8.0	5.5	2.5	4.5	2.5	3.5	5.5	8.0	9.5	8.0	10.5	8.5	6.5	7.0	9.0	8.5	9.0	9.0	9.5	7.0	10.5
3	10.0	9.5	7.5	4.0	7.0	6.0	6.0	7.0	8.0	3.5	4.0	4.5	7.0	7.0	6.0	6.0	4.5	3.0	6.0	8.5	6.0	9.5	10.0	10.5	6.5	10.5
4	7.5	9.0	12.0	8.5	6.0	7.0	6.5	5.5	5.0	4.5	5.5	4.5	5.5	7.5	6.0	7.5	8.5	7.0	6.0	6.0	5.0	5.5	3.5	4.5	6.5	12.0
5	6.0	5.5	5.5	3.5	4.0	3.5	4.5	3.0	3.0	4.0	5.5	11.5	10.5	9.0	7.0	9.5	5.5	5.5	5.0	5.0	4.0	6.0	7.5	6.5	6.0	11.5
6	6.0	8.5	11.0	5.5	4.0	4.5	7.0	6.0	6.0	3.5	4.0	5.5	7.5	9.5	7.0	9.0	8.5	6.0	7.5	8.0	7.5	8.5	5.5	4.5	6.5	11.0
7	5.0	9.5	9.5	6.5	8.0	7.0	7.0	6.0	5.5	4.5	6.0	7.0	5.0	3.0	5.0	6.0	3.5	6.0	6.0	8.0	5.0	7.0	6.0	7.0	6.0	9.5
8	8.0	6.5	6.0	7.0	7.0	4.5	8.0	5.5	7.0	5.0	8.5	5.5	5.5	8.5	5.5	7.0	4.0	6.5	5.0	5.5	6.0	3.0	3.0	6.5	6.0	8.5
9	4.0	1.5	3.0	2.0	2.0	2.5	2.0	3.5	4.5	2.5	3.5	3.5	4.0	3.5	3.5	4.0	4.0	4.0	4.0	5.0	3.5	3.0	3.0	6.0	3.5	6.0
10	7.0	5.0	4.0	4.0	6.0	3.5	5.5	5.0	3.0	2.5	3.0	2.5	3.0	2.5	3.0	2.0	2.5	2.5	3.0	2.5	2.5	4.5	3.5	3.0	3.5	7.0
11	3.5	3.5	3.0	5.0	4.5	2.0	2.5	3.0	2.0	2.5	3.5	4.5	4.5	5.5	7.5	4.0	6.5	5.5	3.5	4.0	3.0	3.5	3.0	4.5	4.0	7.5
12	0.5	4.5	3.0	3.0	3.0	3.5	6.0	5.0	2.5	3.5	3.0	11.5	21.5	22.5	22.0	21.5	18.5	19.0	18.0	20.5	17.5	14.5	7.0	6.5	11.0	22.5
13	10.5	5.5	10.0	4.5	5.5	7.0	10.0	9.5	6.5	5.5	19.5	22.5	21.5	19.5	22.5	23.0	17.0	6.0	18.5	13.0	13.5	13.0	13.0	14.0	13.0	23.0
14	13.5	11.5	12.5	12.0	15.0	12.5	14.0	14.0	19.0	20.5	17.0	10.5	10.0	6.5	6.5	4.5	3.0	10.5	11.0	20.0	19.0	14.5	11.5	14.5	12.5	20.5
15	13.0	12.0	9.0	8.0	12.0	10.5	6.5	5.5	9.5	5.0	4.5	4.0	4.0	3.5	3.5	2.5	6.0	5.0	7.0	10.0	8.0	10.0	7.0	8.5	7.5	13.0
16	11.5	7.0	8.5	6.5	7.0	7.0	8.5	7.0	3.0	3.5	4.0	3.0	3.0	3.5	5.5	3.5	6.5	8.5	7.5	5.5	6.0	6.5	5.5	3.5	6.0	11.5
17	5.5	7.0	8.5	8.5	5.5	3.5	5.0	5.5	4.5	5.5	4.5	4.5	7.0	10.5	11.0	8.5	6.0	4.0	6.0	7.0	8.5	6.0	11.0	10.0	7.0	11.0
18	9.5	7.0	6.0	7.5	6.0	9.0	9.5	8.0	4.0	4.0	5.0	4.5	7.0	4.0	3.5	4.5	4.5	6.5	11.0	7.5	4.5	6.5	7.5	12.0	6.5	12.0
19	10.0	12.0	11.5	10.5	7.0	8.0	7.0	10.0	7.0	4.5	5.0	6.0	5.5	7.0	8.5	10.5	8.0	5.0	6.0	8.5	8.0	7.5	10.5	9.5	8.0	12.0
20	6.0	4.5	6.5	10.0	8.0	6.0	6.5	4.5	5.5	4.5	3.5	6.5	6.0	8.5	11.5	8.0	8.0	3.5	4.0	2.5	4.5	5.0	4.5	6.0	6.0	11.5
21	6.0	5.0	3.0	3.5	4.0	4.0	3.0	3.0	3.5	4.0	3.0	5.0	6.0	5.0	6.0	5.0	8.5	8.5	9.0	9.0	8.0	6.0	5.5	8.5	5.5	9.0
22	6.0	6.0	5.0	5.0	6.5	5.0	6.5	4.5	3.0	3.5	8.5	6.5	5.5	5.0	5.0	4.0	3.5	4.5	6.5	8.0	6.0	5.0	6.0	7.0	5.5	8.5
23	5.5	4.0	3.0	3.0	3.0	3.0	4.5	3.0	3.0	3.0	3.5	4.5	4.5	7.0	7.0	2.5	5.0	5.5	7.5	5.0	5.5	6.5	4.5	8.0	4.5	8.0
24	7.0	5.0	3.5	5.5	4.5	4.5	4.0	2.5	3.5	2.5	3.5	6.5	9.5	9.5	12.5	14.5	10.5	8.5	8.5	8.5	4.0	4.5	5.5	5.5	6.5	14.5
25	3.5	3.5	5.5	7.5	6.5	8.0	7.0	6.0	4.5	7.0	5.5	11.5	11.5	7.5	6.0	4.5	9.0	12.5	10.5	4.0	3.5	4.5	8.5	8.5	7.0	12.5
26	2.5	2.5	4.0	2.5	3.5	5.0	3.5	3.0	4.0	4.5	4.0	8.0	6.0	10.0	12.0	12.5	5.5	6.0	4.0	5.5	6.0	15.0	10.0	9.5	6.0	15.0
27	6.0	7.5	6.5	4.5	3.5	5.0	7.5	7.0	7.5	7.0	8.0	4.5	12.0	7.5	9.0	10.0	7.0	7.0	8.5	12.0	11.5	17.0	15.0	9.5	8.5	17.0
28	11.5	9.5	16.0	12.5	16.0	10.0	10.5	12.5	7.5	5.0	5.0	4.0	8.5	5.0	2.5	5.0	3.0	6.0	13.0	17.0	12.0	8.5	13.5	11.0	9.5	17.0
29	11.5	10.0	9.5	8.0	7.5	6.0	8.0	8.0	5.5	4.5	4.0	5.0	8.0	11.0	9.5	9.5	9.0	5.5	6.5	6.5	7.0	10.5	6.5	8.5	7.5	11.5
30	7.0	8.5	6.5	8.5	10.5	5.5	9.5	11.5	9.0	4.0	5.5	6.5	6.5	9.5	21.0	13.0	5.0	17.0	20.0	5.5	9.5	9.5	11.0	11.0	9.5	21.0
31	14.5	10.5	9.5	6.5	6.5	6.0	11.5	12.5	8.0	6.5	8.0	11.5	12.5	12.0	10.0	13.5	4.0	11.5	9.5	8.5	17.0	18.5	14.5	9.5	10.5	18.5
AV	8.0	7.0	7.0	6.5	7.0	6.0	7.0	6.5	5.5	5.0	6.0	6.5	8.0	8.0	8.5	8.5	7.0	7.0	8.0	8.0	7.5	8.0	7.5	8.0	7.0	[ ]
SD	3.1	2.8	3.3	2.7	3.6	2.4	2.8	3.1	3.1	3.1	3.7	3.9	4.3	4.4	5.2	5.1	3.6	3.6	4.2	4.3	4.2	4.1	3.5	2.8	2.3	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	7.0	12.0	11.5	10.0	13.5	9.0	12.5	8.5	9.0	5.3	3.5	4.0	9.0	7.5	2.5	2.5	7.0	10.0	7.0	10.0	15.5	18.0	19.5	17.0	9.5	19.5
2	20.5	12.0	13.0	12.5	11.0	12.5	8.5	11.5	9.5	6.0	4.5	4.0	6.0	4.0	6.5	11.5	12.5	10.0	5.5	8.0	8.0	6.5	5.0	3.5	9.0	20.5
3	6.0	9.3	11.0	11.5	15.0	12.5	10.5	9.5	5.3	9.0	5.0	3.5	4.5	6.0	4.0	7.0	5.5	3.5	4.0	3.5	2.0	4.5	6.5	4.0	7.0	15.0
4	4.5	2.5	1.5	3.5	2.5	3.0	3.5	4.0	4.0	7.5	3.5	6.0	5.5	4.5	5.5	2.5	3.0	2.5	6.5	7.5	10.5	10.0	8.5	9.5	5.0	10.5
5	8.5	7.0	7.5	5.0	5.5	9.0	5.5	3.5	5.5	4.0	4.0	4.5	4.0	3.0	4.0	4.5	3.0	4.0	3.5	6.0	15.5	8.0	7.0	5.5	5.5	15.5
6	6.0	3.5	2.5	4.0	5.0	9.5	7.5	7.0	8.0	5.5	[PF]	4.0	4.0	6.5	9.5	8.0	9.0	3.5	3.5	3.5	4.0	5.5	7.0	10.0	6.0	10.0
7	17.0	13.5	13.0	12.0	13.0	14.0	10.0	8.5	6.3	4.5	4.0	3.5	2.0	2.0	2.5	2.0	2.0	5.5	5.0	8.5	2.5	4.0	3.0	2.0	6.5	17.0
8	2.5	2.5	2.0	3.5	5.5	3.0	6.0	4.0	5.0	4.5	4.5	4.5	4.0	3.5	3.5	5.5	6.0	6.0	5.0	7.0	5.5	6.5	7.0	7.0	5.0	7.0
9	7.5	4.5	7.0	7.0	6.0	4.5	5.0	7.0	6.0	4.0	3.5	3.0	3.5	3.0	3.0	6.0	4.5	3.0	4.5	5.5	4.5	3.0	4.0	4.0	4.5	7.5
10	3.0	3.5	4.5	3.0	4.0	5.0	3.5	4.5	4.5	5.5	4.0	3.5	2.0	6.5	9.5	8.0	9.5	7.5	7.0	5.0	10.0	7.5	12.0	14.5	6.0	14.5
11	14.5	20.0	14.0	6.0	11.0	15.5	10.5	7.0	5.3	5.5	5.5	6.0	7.0	6.0	3.5	2.0	3.0	2.5	5.0	6.0	5.0	3.0	3.0	4.0	7.0	20.0
12	5.0	6.3	3.0	6.5	6.5	6.0	6.0	5.5	4.5	4.5	4.0	6.5	5.5	6.5	5.5	4.0	13.5	11.5	11.0	16.0	21.0	11.0	6.5	11.5	8.0	21.0
13	25.0	32.5	25.0	15.0	13.0	8.5	19.0	20.0	18.0	12.0	10.0	8.0	4.0	8.0	7.0	3.5	1.0	7.0	13.5	18.5	9.0	12.0	14.5	10.0	13.0	32.5
14	11.0	5.0	4.0	6.5	9.5	12.0	10.0	11.0	8.0	9.0	4.0	4.5	3.5	6.0	3.5	5.5	6.5	3.0	5.0	7.0	7.5	7.5	9.5	8.0	7.0	12.0
15	6.5	6.5	6.0	8.0	6.0	7.5	6.0	6.5	7.5	5.5	7.0	6.0	7.5	6.5	6.0	4.0	4.5	5.5	6.0	8.5	6.5	8.0	7.0	4.5	6.5	8.5
16	4.0	7.0	10.5	5.5	5.5	8.5	5.0	5.5	4.5	5.0	5.0	6.0	7.0	6.0	4.0	3.0	7.0	11.5	8.0	4.5	7.5	8.0	8.5	7.0	6.5	11.5
17	5.0	6.0	7.5	6.0	5.0	5.5	5.5	5.0	4.5	3.5	3.5	6.0	6.0	9.5	8.0	6.0	6.0	4.5	5.0	8.5	7.5	8.0	9.0	8.0	6.0	9.5
18	7.0	5.0	4.5	4.5	5.5	5.0	4.5	5.5	4.5	4.5	4.0	5.0	5.5	7.0	6.5	3.5	15.5	6.5	3.5	4.5	6.5	6.5	10.5	7.5	6.0	15.5
19	12.5	16.0	12.5	6.0	6.0	3.5	4.0	8.0	8.5	3.0	3.5	4.0	8.5	10.0	11.5	11.5	9.5	8.0	7.5	12.5	15.5	12.5	10.5	12.0	9.0	16.0
20	14.5	9.5	9.5	12.0	9.0	7.0	7.0	7.5	6.0	4.5	4.5	4.0	7.5	10.5	9.5	8.5	7.5	6.0	4.0	8.0	8.5	8.0	10.5	10.5	8.0	14.5
21	13.5	10.0	12.0	9.0	6.0	5.5	7.5	6.5	7.5	4.5	5.0	6.0	5.5	4.5	8.5	12.0	8.5	7.0	4.0	10.0	8.5	11.0	8.5	7.0	8.0	13.5
22	7.5	8.0	7.0	8.0	5.0	7.0	6.5	6.0	5.5	3.5	4.0	5.0	6.0	6.5	8.0	10.0	10.0	8.5	3.0	3.5	6.5	8.5	11.5	13.5	7.0	13.5
23	10.0	9.0	6.0	7.0	6.0	7.0	6.5	7.5	5.5	5.0	7.5	8.5	10.0	6.5	4.0	8.0	7.5	7.0	6.0	3.0	4.0	4.5	6.5	7.5	6.5	10.0
24	8.5	4.5	4.0	5.5	7.0	4.5	4.5	4.5	3.5	8.0	7.5	8.5	7.0	7.5	9.0	6.5	6.5	6.0	6.5	6.5	10.0	4.5	8.0	12.0	6.5	12.0
25	11.0	12.5	13.5	11.0	10.5	12.5	11.5	10.0	6.0	6.5	7.5	5.5	6.0	5.5	8.5	18.0	9.0	5.0	5.0	7.5	8.5	13.0	12.5	15.5	10.0	18.0
26	18.0	16.0	16.5	11.5	14.0	14.0	15.0	14.5	13.0	11.0	8.5	4.5	8.5	6.5	8.0	11.0	9.5	9.5	12.5	5.5	5.5	6.5	8.0	8.5	10.5	18.0
27	7.0	6.0	6.0	4.5	4.5	7.5	7.5	7.5	5.5	3.5	4.0	2.5	8.0	6.5	6.5	6.0	14.0	13.0	8.5	5.5	5.0	6.5	6.0	8.0	6.5	14.0
28	8.0	5.5	5.5	5.0	7.5	10.5	6.0	7.0	6.0	5.5	6.0	8.0	6.0	5.5	4.5	7.5	9.0	7.0	7.0	12.0	8.0	9.0	6.5	8.0	7.0	12.0
29	12.0	8.0	6.5	8.5	6.0	7.5	6.5	6.5	5.0	4.0	5.0	5.5	7.5	10.0	10.0	8.0	7.5	6.0	3.5	6.5	7.5	8.5	10.0	12.5	7.5	12.5
30	6.0	8.0	6.5	6.0	7.0	7.5	6.0	5.5	5.5	5.5	5.5	5.0	5.0	5.0	7.5	9.5	8.0	3.5	14.0	25.0	31.5	20.5	16.0	8.0	9.5	31.5
31	5.0	6.5	9.0	11.0	11.5	16.5	15.5	11.5	9.5	8.0	5.5	5.5	9.5	6.5	7.5	7.5	10.5	10.0	3.0	5.5	8.0	12.0	12.5	9.0	9.0	16.5
AV	9.5	9.0	8.5	7.5	8.0	8.5	8.0	7.5	6.5	5.5	5.0	5.0	6.0	6.0	6.5	7.0	7.5	6.5	6.0	8.0	9.0	8.5	9.0	8.5	7.5	[ ]
SD	5.3	5.9	5.0	3.1	3.3	3.7	3.7	3.4	2.9	2.2	1.6	1.5	2.0	2.0	2.5	3.5	3.4	2.8	2.9	4.6	5.8	3.9	3.6	3.6	1.8	[ ]

WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2.5	2.0	3.0	1.5	1.5	3.5	3.0	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	2.5	4.5
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2.5	2.0	2.0	2.5	3.5	2.5	2.0	3.5	3.0	[IM]	[IM]	[IM]	[IM]	[IM]	2.5	3.5
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2.0	3.0	3.5	3.0	2.0	3.5	3.5	3.0	6.0	[IM]	[IM]	[IM]	[IM]	3.5	6.0
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	1.5	1.5	3.0	3.0	2.5	2.5	2.0	3.0	[IM]	[IM]	[IM]	[IM]	[IM]	2.5	3.0
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2.5	2.5	4.0	3.5	4.0	5.0	5.5	2.5	4.5	7.0	[IM]	[IM]	[IM]	[IM]	4.0	7.0
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.0	2.5	6.5	9.5	10.0	5.0	4.5	7.0	8.0	[IM]	[IM]	[IM]	[IM]	6.0	10.0
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2.0	3.0	5.5	4.5	6.5	8.5	9.0	9.0	13.5	9.5	7.0	9.5	8.0	[IM]	7.5	13.5
8	[IM]	6.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.0	3.0	6.0	1.5	2.5	3.0	3.5	7.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.0	7.0
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	5.5	4.0	3.0	1.5	4.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.0	5.5
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	6.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	6.5	6.5
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	11.5	8.0	4.0	[IM]	[IM]	2.5	2.5	4.5	2.0	2.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	11.5
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5.0	4.5	2.5	2.0	1.5	2.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.0	5.0
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.0	4.0	5.0	3.0	5.5	4.5	1.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.0	5.5
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.0	4.0	5.0	5.0	3.5	6.5	3.5	2.0	3.5	[IM]	[IM]	[IM]	[IM]	4.0	6.5
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2.0	3.5	4.0	6.0	3.5	2.5	1.0	3.0	5.5	6.5	[IM]	[IM]	[IM]	[IM]	4.0	6.5
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.0	3.0	4.5	2.5	3.5	2.0	1.0	1.5	3.0	3.0	[IM]	[IM]	[IM]	[IM]	2.5	4.5
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.0	3.0	3.5	3.0	4.5	6.0	6.0	2.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.0	6.0
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	9.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	9.0	9.0
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.0	4.0	2.5	2.5	2.5	3.5	2.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.0	4.0
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2.5	2.5	2.0	1.0	1.0	2.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2.0	2.5
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.0	4.5	4.5	3.0	3.0	5.0	3.5	5.5	6.0	6.5	8.0	3.5	7.0	5.0	8.0
23	5.0	3.5	7.0	4.5	6.5	6.5	6.0	3.5	5.0	3.5	3.5	4.5	3.0	3.0	2.5	4.0	3.0	4.0	5.5	7.5	7.0	6.0	8.5	10.5	5.0	10.5
24	10.5	10.0	8.5	9.0	6.5	7.5	6.5	5.0	5.0	4.0	3.5	3.5	3.5	3.5	2.0	3.0	3.0	5.0	6.0	5.0	7.0	4.0	5.5	4.5	5.5	10.5
25	4.0	5.0	14.5	12.0	12.5	18.5	12.5	13.5	14.5	11.0	14.0	16.5	15.5	14.0	11.5	10.0	10.5	8.5	7.5	10.0	13.0	9.0	10.5	13.5	12.0	18.5
26	14.0	14.0	13.0	8.5	6.0	8.0	5.5	5.0	4.5	3.0	3.5	7.5	13.0	13.5	14.0	11.5	9.0	3.0	4.5	5.5	2.5	2.5	3.5	3.0	7.5	14.0
27	2.0	4.5	4.5	4.5	4.0	2.0	1.5	1.0	1.5	2.5	3.0	5.5	5.5	4.5	4.0	3.5	2.0	3.0	2.5	2.5	4.5	6.0	4.0	2.5	3.5	6.0
28	3.0	2.0	2.5	2.0	1.5	1.0	.5	1.0	3.0	11.0	9.0	9.5	10.5	19.0	22.5	24.0	23.0	21.0	19.0	17.0	20.5	18.0	16.0	15.0	11.5	24.0
29	11.0	5.0	5.0	3.0	4.5	4.5	4.5	4.0	3.0	11.0	13.0	21.0	21.5	19.5	22.0	19.5	23.5	21.5	21.5	22.5	17.0	11.5	11.5	6.0	13.0	23.5
30	11.0	13.0	7.5	9.0	12.5	12.5	9.0	3.5	4.5	3.0	4.0	8.5	14.0	15.5	13.5	10.0	9.0	14.0	12.5	9.0	8.0	8.5	7.0	5.5	9.5	15.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	7.5	7.0	8.0	6.5	7.0	7.5	6.0	5.5	5.5	6.0	4.5	5.0	6.0	6.0	6.0	6.0	5.5	5.5	7.0	8.0	9.5	8.5	8.0	7.5	5.5	[ ]
SD	4.3	4.0	3.9	3.3	3.7	5.3	3.6	4.1	3.6	3.6	3.7	4.7	4.7	5.1	5.7	5.4	5.7	5.4	5.4	5.0	5.4	4.1	3.8	4.2	2.9	[ ]

WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	7.5	6.5	4.0	7.0	10.5	6.0	8.0	7.5	5.0	4.5	4.5	4.5	4.5	8.5	8.5	8.0	4.5	3.5	4.0	3.5	6.5	5.0	3.0	5.0	6.0	10.5
2	5.5	5.5	3.5	5.5	6.0	5.0	3.5	2.0	2.5	1.5	2.0	3.0	4.5	5.5	5.5	6.5	5.5	5.0	4.5	6.0	6.0	7.0	5.5	6.5	4.5	7.0
3	5.5	8.0	5.5	2.5	5.5	6.5	5.5	5.0	5.5	2.0	2.0	3.0	4.5	4.5	4.0	4.0	3.0	1.5	4.5	5.0	4.0	5.0	6.0	6.5	4.5	8.0
4	7.0	6.5	7.5	6.0	4.0	4.5	5.0	3.5	2.5	2.5	3.0	2.5	3.5	5.0	4.0	5.0	6.0	5.0	4.0	4.0	3.0	3.5	2.0	2.5	4.5	7.5
5	3.5	3.5	3.5	2.0	2.0	2.0	2.5	1.5	1.5	2.0	3.0	6.5	6.0	5.5	4.5	6.0	3.5	3.5	3.0	3.0	2.5	3.5	5.0	3.5	3.5	6.5
6	4.5	5.5	7.0	3.0	3.0	3.0	5.0	4.0	4.0	2.0	2.5	3.5	4.5	6.0	4.5	5.5	5.5	4.0	5.0	5.0	5.0	6.0	3.5	2.5	4.5	7.0
7	3.0	6.5	6.5	4.0	5.0	4.0	5.0	4.5	3.5	2.5	3.5	4.5	3.0	2.0	3.5	4.0	2.5	4.0	4.5	5.5	3.0	4.5	4.0	5.0	4.0	6.5
8	5.0	5.0	3.5	4.5	4.5	2.5	5.5	3.5	4.0	3.0	5.0	3.5	3.5	5.5	3.5	4.5	2.5	4.0	3.0	3.5	3.5	1.5	1.5	3.5	3.5	5.5
9	2.0	1.0	1.5	1.0	1.0	1.0	1.0	1.5	2.5	2.0	2.0	1.5	2.5	2.0	1.5	2.5	2.0	2.0	2.5	3.0	2.0	1.5	1.5	3.5	2.0	3.5
10	4.0	2.5	2.0	2.0	3.5	2.0	3.0	2.5	2.0	1.5	1.5	2.0	2.0	1.5	2.0	1.0	1.5	1.5	1.5	1.5	1.5	3.5	2.5	2.0	2.0	4.0
11	2.0	2.0	1.5	3.5	3.5	1.0	1.5	2.0	1.5	1.5	2.5	3.0	2.5	3.0	4.5	2.0	3.5	3.0	2.0	2.0	1.5	2.0	1.5	2.5	2.5	4.5
12	4.0	2.5	1.5	1.5	1.5	1.5	3.5	3.0	1.0	2.0	1.5	8.5	16.5	17.0	16.0	16.0	13.5	13.5	13.0	15.0	13.0	10.5	5.0	5.0	8.0	17.0
13	7.5	4.5	8.0	3.0	3.5	5.5	6.5	7.0	4.5	3.5	14.0	17.0	16.0	14.5	17.0	18.5	11.5	4.0	14.0	8.5	8.5	8.5	8.0	9.0	9.5	18.5
14	9.0	7.5	8.0	8.0	9.5	8.0	9.0	8.5	12.0	13.0	10.5	6.5	6.0	4.0	4.5	3.5	2.0	7.0	7.0	11.5	13.0	9.5	6.5	9.0	8.0	13.0
15	7.5	7.0	7.5	6.5	5.0	1.5	2.0	2.5	2.5	6.5	2.5	2.5	2.5	2.5	2.5	2.0	4.0	3.5	4.0	5.5	5.5	6.5	4.0	5.0	4.0	7.5
16	8.0	5.0	1.5	4.5	3.5	4.5	3.0	4.5	3.5	6.0	1.5	1.0	1.0	1.5	2.5	1.5	4.0	5.0	3.5	3.0	3.5	4.5	3.5	1.5	3.5	8.0
17	3.5	4.0	4.0	4.5	3.5	2.5	3.5	3.5	3.5	2.5	2.0	2.5	4.0	6.0	6.5	5.0	3.5	2.5	2.5	3.5	6.0	3.5	7.0	6.5	4.0	7.0
18	6.5	4.5	3.5	4.5	7.5	4.0	2.5	2.0	2.5	4.5	2.5	2.5	4.0	2.0	2.0	2.5	3.0	4.5	7.5	4.5	3.5	2.0	4.0	6.0	4.0	7.5
19	6.0	6.0	5.0	4.5	4.5	3.5	4.0	6.0	4.0	2.5	2.5	3.5	3.0	4.0	5.0	6.5	5.0	3.5	4.0	5.0	4.5	5.0	6.5	7.0	4.5	7.0
20	3.5	1.5	2.5	6.5	5.5	3.0	3.5	3.5	3.0	2.0	2.0	3.5	3.5	5.0	6.5	6.0	6.0	2.5	3.5	2.0	3.5	4.0	4.0	4.0	4.0	6.5
21	6.5	4.5	2.5	3.0	3.5	4.5	1.5	2.0	2.5	1.5	2.0	3.0	4.0	3.0	3.5	3.5	5.5	5.5	6.0	6.0	5.0	4.0	4.0	6.0	4.0	6.5
22	6.0	6.0	5.0	4.0	5.5	4.5	5.0	5.0	2.0	2.5	4.5	4.0	3.5	3.0	3.0	2.5	2.5	2.5	4.5	5.5	4.5	3.5	5.0	6.5	4.0	6.5
23	4.0	3.5	2.5	2.0	2.0	2.0	3.5	2.5	2.0	2.0	2.5	3.0	2.5	4.5	4.5	1.5	3.5	4.0	5.5	3.5	4.0	5.5	4.5	7.0	3.5	7.0
24	7.0	4.5	3.0	5.0	3.5	4.5	3.0	2.5	2.0	1.5	2.0	3.5	5.5	5.5	7.5	8.5	6.0	5.0	5.0	4.5	2.0	2.5	3.0	3.0	4.0	8.5
25	2.0	1.5	3.5	4.5	4.0	4.5	4.0	3.5	2.5	4.0	3.0	6.5	6.5	4.5	3.5	2.5	5.5	7.5	6.5	2.5	2.0	3.0	5.0	5.0	4.0	7.5
26	1.0	1.0	2.5	1.5	2.5	3.0	2.5	1.5	3.0	2.5	2.5	4.5	3.5	6.0	7.0	7.0	3.0	3.5	2.0	3.5	3.5	9.5	7.0	6.5	4.0	9.5
27	4.0	5.0	4.0	3.0	2.0	3.0	4.0	4.0	5.0	4.5	4.5	3.0	7.5	4.5	5.5	7.0	5.0	4.5	5.5	8.0	6.5	10.5	9.5	6.5	5.5	10.5
28	8.0	7.5	10.5	9.0	10.5	7.5	7.0	8.5	6.0	4.0	3.0	2.5	5.5	3.0	1.5	3.0	1.5	4.0	8.5	11.5	8.0	5.0	8.5	9.0	6.5	11.5
29	6.5	5.0	5.0	5.5	4.5	3.0	6.0	6.5	6.5	2.5	2.5	3.0	5.0	6.0	5.5	5.5	5.5	4.5	3.5	4.5	4.0	6.0	4.0	3.5	5.0	6.5
30	4.5	5.0	3.5	4.0	5.0	3.0	5.5	5.5	4.5	2.5	2.5	3.5	3.5	5.5	12.0	8.5	4.0	10.0	12.0	4.5	4.5	5.5	6.5	5.5	5.5	12.0
31	9.0	5.5	6.0	4.5	4.5	4.5	6.0	6.5	5.0	4.5	4.5	6.0	7.0	6.5	7.0	8.5	2.5	8.5	5.5	6.5	11.5	6.5	11.5	9.0	6.5	11.5
AV	5.5	4.5	4.5	4.0	4.5	3.5	4.0	4.0	3.5	3.0	3.5	4.0	5.0	5.0	5.5	5.5	4.5	4.5	5.0	5.0	5.0	5.0	5.0	5.5	4.5	[ ]
SD	2.2	1.9	2.3	1.9	2.3	1.7	1.9	2.0	2.1	2.2	2.6	2.8	3.3	3.3	3.6	3.8	2.5	2.5	3.0	3.0	3.0	2.5	2.3	2.1	1.6	[ ]

WIND SPEED @ 20M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4.5	7.0	6.5	5.5	8.5	4.5	7.5	6.0	5.5	3.5	3.0	2.0	5.0	4.5	2.0	1.5	4.0	6.0	5.0	7.0	9.0	10.5	7.5	5.5	5.5	10.5
2	11.5	8.5	7.5	7.5	6.5	6.0	4.5	6.5	4.0	2.5	4.0	2.5	4.0	3.0	4.5	7.5	8.0	7.0	3.5	5.5	5.0	3.5	3.0	2.0	5.5	11.5
3	3.5	4.0	5.5	6.5	8.5	6.0	5.5	6.0	2.5	5.5	2.5	2.5	3.0	4.0	2.5	4.5	4.0	2.0	3.0	2.5	1.5	3.0	4.5	2.5	4.0	8.5
4	3.0	1.0	1.0	2.5	2.0	2.0	3.0	2.5	2.5	4.5	2.5	4.0	4.0	3.5	4.0	2.0	2.0	2.0	4.0	6.0	7.5	7.0	6.0	7.0	3.5	7.5
5	6.0	4.5	5.5	4.5	5.0	6.0	5.0	2.0	3.5	2.5	2.5	3.0	3.0	2.0	3.0	3.0	2.5	3.0	2.0	4.0	10.5	5.5	5.0	5.0	4.0	10.5
6	4.5	4.0	2.5	3.0	3.0	7.5	6.0	6.5	6.0	4.5	[PF]	3.0	3.0	5.5	7.5	6.0	7.0	3.0	3.5	2.5	3.5	4.5	7.0	8.5	5.0	8.5
7	12.0	11.0	9.5	9.0	9.5	8.0	9.0	4.5	9.5	4.0	2.5	2.5	2.0	2.0	2.0	2.0	2.5	4.0	3.5	4.5	2.5	3.0	2.5	2.0	5.0	12.0
8	2.0	2.0	1.5	2.0	3.5	2.0	4.0	3.0	3.5	3.0	3.0	3.0	3.0	2.5	2.5	4.0	4.5	4.5	3.5	4.5	4.5	5.0	4.5	3.0	3.5	5.0
9	6.0	3.5	4.5	4.0	3.0	8.0	11.0	16.0	7.5	2.0	2.0	2.0	2.5	2.0	2.0	4.5	3.0	2.5	3.5	4.5	3.5	2.5	3.0	3.0	4.5	16.0
10	2.0	2.5	3.0	2.0	3.5	4.0	2.5	3.0	3.0	3.5	3.0	2.5	2.0	4.5	6.5	5.5	7.0	5.0	5.0	3.5	6.0	5.0	9.0	9.5	4.5	9.5
11	11.0	13.0	9.5	3.5	7.0	11.5	6.0	4.5	3.5	4.0	3.0	3.5	4.0	3.5	2.5	2.0	2.5	2.5	3.0	3.0	2.0	1.0	2.0	2.5	4.5	13.0
12	3.5	4.0	2.0	4.0	4.0	4.0	4.0	3.0	2.0	3.0	2.0	3.5	3.5	4.0	3.5	3.0	9.0	8.5	7.5	10.5	14.5	7.0	3.5	7.5	5.0	14.5
13	20.5	24.5	21.5	10.5	9.5	5.5	12.0	13.0	12.5	7.0	6.0	4.5	2.5	5.0	4.5	2.5	1.5	4.5	9.0	11.5	5.5	9.0	9.5	8.5	9.0	24.5
14	7.0	3.0	2.5	3.5	6.5	3.0	2.5	3.5	4.5	7.5	2.5	2.5	2.5	3.5	2.5	3.5	4.0	2.0	3.0	5.0	4.5	5.0	6.0	5.0	4.0	7.5
15	3.5	4.0	4.5	5.0	7.0	13.0	8.5	4.0	7.0	3.5	3.5	3.5	4.5	4.0	3.5	2.5	2.5	3.0	4.0	5.5	4.0	5.0	4.5	3.5	4.5	13.0
16	2.5	5.0	6.5	4.0	2.5	5.0	3.0	3.5	3.0	3.0	3.0	4.0	4.5	4.0	2.5	2.5	4.5	8.0	5.0	3.0	5.5	5.5	5.5	4.0	4.0	8.0
17	2.5	2.5	4.5	4.5	3.0	3.5	3.0	2.0	3.5	1.5	1.5	3.5	3.5	5.5	5.0	4.0	4.0	3.0	3.0	4.5	5.5	5.0	5.5	6.5	4.0	6.5
18	5.0	4.5	2.5	3.5	4.0	3.5	2.0	3.5	3.0	3.5	2.5	3.5	3.5	4.5	4.0	2.0	11.0	4.5	3.0	2.5	3.5	4.0	5.0	3.5	4.0	11.0
19	7.5	11.0	8.5	2.5	4.5	3.0	2.5	3.5	5.5	2.0	2.0	2.5	5.5	6.5	7.5	7.5	6.0	5.5	6.0	8.0	9.5	8.5	7.0	9.5	6.0	11.0
20	12.0	6.5	6.0	6.5	5.0	7.5	7.0	6.0	8.0	5.0	2.5	2.5	4.5	6.0	6.0	5.0	5.0	4.0	2.5	5.5	5.5	5.0	6.5	6.5	5.5	12.0
21	8.0	8.5	8.0	5.5	3.5	7.0	15.5	2.0	10.0	4.0	2.5	3.5	3.5	3.0	5.0	7.5	5.5	4.5	2.0	6.0	6.0	7.5	6.5	5.0	6.0	15.5
22	4.5	6.5	9.0	5.5	5.0	5.0	3.0	2.0	2.5	4.5	2.0	3.0	3.5	4.0	5.0	6.0	6.0	5.5	2.0	2.0	3.5	4.5	7.5	8.0	4.5	9.0
23	4.5	4.5	3.5	5.0	9.0	4.5	5.5	5.5	7.5	4.0	4.5	5.0	6.0	4.0	2.5	5.0	4.5	4.0	3.5	2.0	3.0	3.0	4.5	4.5	4.5	9.0
24	5.5	2.5	3.0	3.5	4.0	3.0	2.5	3.5	2.0	5.0	4.5	5.5	4.5	4.5	5.5	4.0	4.0	4.0	3.5	5.5	7.0	3.0	6.0	7.5	4.5	7.5
25	7.0	6.3	9.5	8.0	7.0	8.5	7.5	5.5	4.0	4.0	4.5	3.5	4.0	3.5	5.5	12.5	6.0	3.0	3.0	4.5	6.0	8.0	9.0	9.5	6.5	12.5
26	9.5	11.0	9.5	6.5	9.5	7.0	6.5	6.5	6.3	6.0	5.5	3.0	5.5	4.0	5.0	6.5	4.0	9.0	4.5	4.0	3.5	4.5	5.0	6.0	6.0	11.0
27	4.5	3.5	4.5	3.0	2.5	5.0	7.0	3.3	5.0	2.0	3.0	3.0	5.0	4.5	3.0	7.0	9.0	6.5	4.0	3.5	3.0	3.5	4.0	6.5	4.5	9.0
28	3.5	4.0	5.0	3.0	5.0	6.5	4.5	4.5	3.0	3.5	3.5	5.0	4.0	3.5	3.0	5.0	6.0	4.5	5.0	8.5	6.0	5.5	4.5	7.0	4.5	8.5
29	9.5	5.0	4.0	6.5	3.5	4.5	4.5	4.5	3.0	2.5	3.0	3.5	5.0	6.5	6.5	5.0	5.0	4.0	3.0	4.5	5.0	6.5	7.5	7.5	5.0	9.5
30	4.5	5.5	5.0	4.0	4.0	5.5	3.5	3.0	4.0	3.0	3.5	3.5	3.5	3.5	5.0	6.0	5.0	2.5	15.0	25.5	24.0	12.0	11.0	3.5	7.0	25.5
31	3.5	4.0	6.0	7.5	7.0	11.0	8.0	6.5	5.5	3.5	3.5	3.5	6.0	4.0	5.0	4.5	6.5	7.0	1.5	4.0	4.5	7.5	8.5	6.5	5.5	11.0
AV	6.5	6.0	6.0	5.0	5.5	6.0	5.5	5.0	5.0	4.0	3.0	3.5	4.0	4.0	4.0	4.5	5.0	4.5	4.0	5.5	6.0	5.5	6.0	5.5	5.0	[ ]
SD	3.9	4.5	3.8	2.0	2.3	2.6	3.1	3.0	2.5	1.4	1.0	.8	1.1	1.1	1.6	2.3	2.2	1.9	2.5	4.3	4.2	2.4	2.1	2.3	1.2	[ ]

WIND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	9.5	9.0	6.0	4.5	4.0	3.0	6.0	9.5	10.0	[IM]	[IM]	[IM]	[IM]	[IM]	7.0	10.0
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	8.5	8.5	5.5	3.5	4.5	3.5	3.0	7.5	9.0	[IM]	[IM]	[IM]	[IM]	[IM]	6.0	9.0
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	8.5	8.0	5.0	4.0	3.5	4.5	7.0	8.5	[IM]	[IM]	[IM]	[IM]	[IM]	6.0	8.5
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	8.0	8.0	8.0	6.5	4.0	5.5	8.5	8.5	8.5	[IM]	[IM]	[IM]	[IM]	[IM]	7.5	8.5
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	9.0	9.0	8.5	5.0	5.0	6.0	7.0	7.0	12.0	13.0	[IM]	[IM]	[IM]	[IM]	8.0	13.0
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	8.5	3.5	7.5	10.0	10.5	6.0	8.0	14.0	14.5	[IM]	[IM]	[IM]	[IM]	9.0	14.5
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	8.0	6.0	6.5	5.5	7.5	9.5	10.5	12.5	19.0	16.5	14.0	17.0	15.0	[IM]	11.5	19.0
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	9.5	9.5	12.0	8.0	8.0	9.5	10.5	14.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10.0	14.5
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	11.0	12.5	11.5	10.0	8.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10.5	12.5
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10.0	10.0
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	11.0	8.5	5.5	[IM]	[IM]	8.5	9.0	11.5	8.5	8.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	9.0	11.5
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	11.5	11.0	9.5	8.5	7.5	9.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	9.5	11.5
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	8.5	7.0	6.5	4.5	7.0	10.5	8.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	7.5	10.5
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	8.0	5.0	6.0	5.5	4.0	7.5	7.5	7.5	10.0	[IM]	[IM]	[IM]	[IM]	7.0	10.0
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	8.0	8.5	5.5	7.0	4.5	3.5	2.0	5.0	13.0	13.0	[IM]	[IM]	[IM]	[IM]	7.0	13.0
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10.0	8.0	6.0	3.5	4.5	3.0	4.5	7.0	8.5	[IM]	[IM]	[IM]	[IM]	[IM]	6.0	10.0
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10.0	8.5	8.0	9.5	11.5	12.5	11.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10.0	12.5
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	15.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	15.5	15.5
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	8.0	8.5	8.5	9.5	10.5	8.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	9.0	10.5
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10.5	9.0	8.0	7.5	7.5	9.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	8.5	10.5
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.0	4.5	4.5	3.0	2.5	5.0	3.5	4.5	5.0	6.0	7.0	3.5	6.0	4.5	7.0
23	5.0	3.5	7.0	4.0	7.0	5.5	6.5	3.5	5.0	3.5	3.5	4.5	3.5	2.5	2.5	4.0	2.5	2.5	5.0	7.0	7.5	6.0	8.5	10.0	5.0	10.0
24	9.0	8.5	7.5	9.5	7.5	7.0	6.5	4.5	4.5	4.0	3.5	3.0	3.5	3.5	2.0	3.0	3.5	5.5	5.5	6.0	8.0	4.5	5.5	4.5	5.5	9.5
25	4.5	5.0	15.0	12.5	12.5	18.5	12.5	13.0	15.0	11.0	14.5	17.0	16.0	14.5	11.5	9.0	9.0	7.5	6.5	11.0	13.5	9.0	9.5	11.5	11.5	18.5
26	10.5	12.0	10.5	9.0	7.5	7.5	6.0	3.5	4.0	3.0	3.5	7.5	13.5	13.0	14.5	11.0	9.0	3.5	4.0	6.0	3.0	2.5	4.0	4.0	7.0	14.5
27	2.0	3.0	4.5	4.0	3.5	2.5	2.0	1.5	2.0	2.5	3.0	5.5	5.5	4.5	4.0	3.5	2.0	3.0	3.0	3.0	4.5	6.0	4.5	3.0	3.5	6.0
28	3.0	2.0	3.0	2.0	2.0	2.0	1.5	2.0	3.0	10.5	9.0	8.5	10.5	19.5	23.0	24.5	24.0	22.0	20.5	18.5	21.5	19.5	17.0	16.0	12.0	24.5
29	12.0	5.5	5.0	3.0	4.0	4.0	4.5	4.5	4.5	11.0	13.5	21.0	21.5	20.0	22.0	19.5	23.5	21.5	22.0	22.5	17.0	11.0	11.5	6.0	13.0	23.5
30	12.0	14.5	8.5	10.0	13.5	13.5	10.0	4.5	3.5	3.0	5.5	9.5	14.5	16.0	14.0	10.0	10.0	16.0	13.5	10.0	9.0	9.0	7.5	6.0	10.0	16.0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	7.5	7.0	7.5	7.0	7.0	7.5	6.0	5.5	5.5	6.0	8.0	8.5	8.5	8.5	8.0	8.0	8.0	9.0	10.0	11.0	10.5	9.0	8.5	7.5	8.5	[ ]
SD	3.8	4.2	3.6	3.7	3.9	5.3	3.5	3.7	3.7	3.5	3.3	3.7	4.1	4.7	5.3	5.1	5.2	5.0	5.4	5.4	5.6	5.1	4.4	4.0	2.7	[ ]

WIND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	8.0	7.0	4.5	8.0	11.5	6.5	7.5	9.0	5.5	4.0	4.0	4.5	5.0	8.5	8.5	8.0	4.5	3.0	4.5	2.5	6.5	5.0	3.5	5.5	6.0	11.5
2	6.0	5.0	3.5	5.5	6.0	5.5	3.5	2.0	2.5	2.0	2.0	3.0	4.5	5.5	5.0	6.5	6.0	5.5	4.0	5.5	7.0	7.5	6.5	5.5	5.0	7.5
3	8.0	7.5	4.0	2.5	4.0	5.5	5.5	3.5	5.5	2.0	2.0	2.5	4.5	4.5	4.0	4.0	3.0	1.5	4.5	6.0	4.0	6.0	7.0	6.5	4.5	8.0
4	6.5	5.0	7.0	6.5	4.0	4.0	5.0	4.5	2.5	2.5	3.5	3.0	3.5	5.0	4.0	5.0	6.0	5.0	4.0	4.0	3.5	3.5	2.5	2.0	4.5	7.0
5	2.5	3.5	3.0	2.5	2.5	2.0	2.5	2.0	2.0	2.5	3.0	6.0	6.0	5.5	4.5	6.0	3.0	3.5	3.0	3.0	2.5	4.0	5.0	3.5	3.5	6.0
6	5.0	5.5	7.0	4.5	3.5	3.0	5.0	4.0	4.0	2.5	3.0	3.5	4.5	6.0	4.5	5.5	6.0	4.0	4.5	5.5	5.5	6.5	3.5	3.0	4.5	7.0
7	2.5	7.0	7.0	3.5	6.0	3.5	4.5	4.5	3.0	2.5	4.0	4.5	3.0	2.0	3.5	4.0	2.5	4.0	3.5	6.5	2.5	4.0	4.5	5.0	4.0	7.0
8	5.0	8.0	3.5	5.0	4.0	3.0	5.5	4.0	3.5	3.0	5.0	3.5	3.5	5.0	3.0	4.0	3.0	4.0	3.5	3.5	4.0	2.0	2.0	3.5	4.0	6.0
9	2.5	2.0	1.5	1.5	2.0	1.5	1.5	2.0	2.5	2.0	2.0	2.0	2.5	2.5	2.5	3.0	2.5	2.5	2.5	3.0	2.5	2.0	2.0	3.5	2.5	3.5
10	3.5	2.0	2.0	2.0	3.0	2.0	2.0	2.5	2.0	1.5	1.5	1.5	2.0	1.5	2.0	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.0	1.5	2.0	3.5
11	2.0	2.0	1.5	2.0	2.0	1.0	1.5	1.5	1.5	1.5	2.0	2.0	2.5	3.0	4.0	2.5	3.5	3.0	2.0	2.5	2.0	2.0	2.0	2.5	2.0	4.0
12	4.0	3.0	2.0	2.0	2.0	2.0	3.5	3.0	1.5	2.0	2.0	10.0	17.5	17.5	17.0	16.5	15.0	14.5	14.0	16.5	14.5	11.5	5.5	4.0	8.5	17.5
13	8.0	5.5	7.0	4.0	3.5	5.5	6.0	8.0	4.5	3.5	15.0	17.5	17.0	15.0	17.5	19.0	12.5	4.0	13.5	9.0	9.0	9.0	8.0	9.0	9.5	19.0
14	9.5	8.0	8.5	8.5	9.5	8.0	8.0	7.5	11.0	11.0	9.5	5.5	5.5	4.0	4.0	3.5	2.0	6.5	6.0	10.0	10.0	9.0	7.5	9.5	7.5	11.0
15	8.0	6.0	4.0	6.0	8.0	6.5	3.0	3.5	4.5	3.0	2.5	2.5	2.5	2.5	2.5	2.0	4.0	4.0	3.5	6.0	4.5	7.0	3.5	4.5	4.5	8.0
16	5.5	5.0	5.0	3.0	3.5	4.0	4.0	4.0	1.5	1.5	2.0	2.0	2.5	2.5	3.0	2.5	4.5	5.0	3.0	3.0	3.0	4.5	4.0	2.5	3.5	5.5
17	4.0	3.5	4.5	3.5	4.5	2.5	3.5	2.5	3.5	3.5	2.5	2.5	4.0	6.0	6.0	5.0	4.0	3.0	2.5	2.5	6.0	3.5	6.0	5.5	4.0	6.0
18	6.0	4.0	3.0	3.0	4.0	5.0	6.5	5.0	2.5	2.5	2.5	2.5	4.0	2.0	2.0	2.5	3.5	4.0	6.5	5.0	4.0	2.5	3.5	5.5	4.0	6.5
19	6.0	6.5	4.5	3.0	4.0	3.0	3.0	5.5	4.0	3.0	2.5	3.5	3.0	4.0	5.0	6.5	5.0	4.0	4.0	4.0	4.0	3.0	5.5	7.5	4.5	7.5
20	4.0	2.0	2.0	5.5	4.5	2.0	2.0	2.0	4.5	2.0	2.0	3.5	3.5	5.0	6.5	5.5	6.0	2.5	4.0	2.5	3.0	4.0	3.5	2.5	3.5	6.5
21	5.5	4.0	2.5	2.0	3.5	4.0	2.0	2.5	2.5	3.0	2.0	3.5	3.5	3.5	3.5	3.5	5.5	5.5	6.0	6.5	5.0	4.0	4.0	6.5	4.0	6.5
22	5.5	5.0	4.5	3.5	5.5	4.5	4.0	4.0	2.0	2.5	4.5	4.0	3.5	3.0	3.0	2.5	2.5	2.0	3.5	5.5	4.5	4.5	5.5	5.0	4.0	5.5
23	2.5	2.5	2.5	2.5	2.5	2.5	3.5	2.5	2.0	2.5	3.0	3.0	2.5	4.5	4.5	2.0	3.5	3.5	5.5	3.0	4.0	6.0	4.0	6.5	3.5	6.5
24	6.0	5.0	3.0	4.5	3.0	4.5	3.0	2.0	2.0	2.0	2.5	3.0	5.5	5.0	7.0	8.5	5.5	5.0	5.0	4.0	2.5	3.0	3.5	3.5	4.0	8.5
25	2.5	2.0	3.5	4.5	3.5	4.5	3.0	4.0	2.5	4.0	3.0	6.5	6.5	4.0	3.0	2.5	5.5	7.5	6.5	2.5	2.0	3.0	3.5	4.5	4.0	7.5
26	1.3	1.5	2.5	2.0	2.5	3.0	2.5	1.5	3.0	2.5	2.5	4.5	3.5	5.5	6.5	7.0	3.5	4.0	2.0	3.5	3.5	9.5	8.0	7.0	4.0	9.5
27	5.0	5.0	4.5	3.0	2.5	3.0	3.5	3.5	6.0	4.0	4.5	3.0	7.5	4.5	5.5	7.5	5.5	5.0	5.5	8.0	5.5	10.0	11.0	6.5	5.5	11.0
28	8.5	9.0	8.5	8.0	8.5	7.5	6.0	7.5	6.0	3.5	2.5	2.5	5.5	3.5	2.0	3.0	2.5	3.5	7.0	10.5	7.5	5.5	8.0	8.0	6.0	10.5
29	6.5	4.5	4.0	5.5	4.5	3.0	6.5	4.5	3.5	2.5	2.5	3.0	5.0	6.0	5.5	5.5	5.5	4.0	3.5	4.5	4.5	6.5	3.5	2.5	4.5	6.5
30	3.5	5.0	5.0	2.5	5.5	2.5	6.5	5.5	4.5	2.5	2.5	3.0	3.5	5.5	12.0	8.5	4.5	10.0	12.5	4.5	4.5	4.5	5.5	6.5	5.5	12.5
31	10.0	6.5	6.5	4.5	4.5	4.5	6.5	7.5	5.5	4.5	5.0	6.5	6.5	7.0	6.5	8.5	2.5	8.5	6.0	6.5	11.5	12.5	10.5	7.0	7.0	12.5
AV	5.5	4.5	4.5	4.0	4.5	4.0	4.0	4.0	3.5	3.0	3.5	4.0	5.0	5.0	5.5	5.5	4.5	4.5	5.0	5.0	5.0	5.5	5.0	5.0	4.5	[ ]
SD	2.3	2.0	2.0	1.9	2.2	1.7	1.8	2.0	1.9	1.7	2.6	3.0	3.5	3.3	3.7	3.8	2.7	2.6	3.0	3.0	2.9	2.8	2.4	2.1	1.7	[ ]

WIND SPEED @ 30M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

SUBJECT TO REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4.5	8.0	5.5	8.0	5.5	5.0	6.5	5.5	4.5	2.5	3.0	2.0	5.5	4.5	2.0	2.0	4.0	6.0	3.5	6.0	9.5	10.5	9.5	8.5	5.5	10.5
2	11.0	9.0	8.0	8.0	5.5	5.0	5.0	8.0	3.5	3.0	3.0	2.0	4.0	3.0	4.5	7.0	8.5	7.5	2.5	5.0	5.0	3.5	2.5	2.0	5.5	11.0
3	3.5	4.0	7.0	7.0	7.5	4.5	6.0	5.5	2.5	4.5	3.0	2.5	3.0	4.0	2.5	4.5	4.0	2.0	3.0	2.5	1.5	3.0	4.0	2.5	4.0	7.5
4	3.0	2.0	1.5	2.5	2.0	2.0	3.0	2.5	2.3	4.5	2.5	4.0	4.0	3.5	4.0	2.5	2.0	2.0	3.5	6.5	7.5	6.5	5.0	6.0	3.5	7.5
5	5.5	4.0	5.5	3.5	3.0	5.5	4.0	2.5	3.5	2.5	2.5	3.0	3.0	2.0	3.0	3.0	2.5	3.0	2.5	4.0	11.0	6.0	4.5	5.5	4.0	11.0
6	4.5	4.5	2.0	3.0	2.3	7.0	7.0	7.5	7.0	5.5	[PF]	3.0	3.5	5.5	7.5	6.0	7.0	2.5	3.5	3.0	3.5	4.0	8.5	9.5	5.0	9.5
7	12.0	9.0	9.5	10.5	10.3	8.0	5.0	4.5	3.5	3.0	3.0	3.0	2.0	2.0	2.5	2.3	2.0	3.5	2.5	3.0	2.5	3.0	3.5	3.5	5.0	12.0
8	2.5	2.0	1.5	2.0	3.3	2.0	4.0	3.5	3.5	3.0	3.0	3.0	3.0	2.5	2.5	4.0	4.5	4.5	3.0	3.0	3.5	3.5	3.0	2.5	3.0	4.5
9	5.0	3.0	4.0	3.5	2.5	2.5	3.0	5.0	3.5	2.0	2.5	2.5	3.0	2.5	2.5	4.5	3.0	2.5	3.5	5.0	3.5	2.5	3.0	3.5	3.5	5.0
10	2.0	2.5	3.0	2.5	3.5	4.0	3.0	3.5	3.0	3.5	3.0	2.5	3.0	4.5	6.5	6.0	8.0	5.5	5.5	3.5	5.5	6.0	11.0	10.0	4.5	11.0
11	9.0	11.5	7.5	4.0	6.5	10.0	5.0	4.0	3.5	3.5	3.0	3.5	4.0	3.5	2.5	2.0	2.5	2.5	3.0	2.5	2.5	1.5	2.0	2.5	4.5	11.5
12	3.5	4.0	2.0	3.5	4.0	4.0	3.5	3.0	2.0	3.0	2.5	3.5	3.5	4.0	3.5	2.5	9.5	9.5	9.0	11.0	15.0	7.5	3.5	8.0	5.0	15.0
13	20.5	24.5	21.5	11.0	10.5	5.0	13.0	12.0	11.0	7.0	5.0	4.5	2.5	5.0	4.5	3.0	2.0	4.5	8.0	10.0	6.0	9.0	9.0	9.5	9.0	24.5
14	6.5	4.0	2.5	4.5	5.5	7.5	6.5	6.0	4.0	4.0	3.0	2.5	2.5	3.5	2.5	3.5	4.0	2.5	3.0	4.5	4.0	4.0	4.5	5.0	4.0	7.5
15	3.5	3.5	4.0	5.0	4.0	3.5	3.0	4.5	5.0	3.0	3.0	3.5	4.5	4.0	3.5	2.5	2.5	3.0	4.0	6.0	4.0	4.5	4.0	3.5	4.0	6.0
16	2.5	4.5	6.0	4.0	2.5	5.5	3.0	3.0	3.0	3.0	3.0	4.0	4.0	4.0	2.5	2.0	4.5	8.0	5.0	3.0	5.0	5.0	4.0	3.5	4.0	8.0
17	2.0	2.0	4.5	5.0	3.0	2.5	2.5	1.5	3.0	2.0	1.5	3.5	3.5	5.5	4.5	4.0	3.5	3.5	2.5	3.5	5.5	5.5	4.0	6.0	3.5	6.0
18	3.5	4.5	2.5	2.5	3.0	3.0	2.0	3.5	3.0	4.0	2.5	3.0	3.5	4.5	4.0	2.0	11.0	4.5	3.5	3.0	3.5	3.5	3.5	4.0	3.5	11.0
19	8.0	11.0	9.0	3.5	5.0	4.0	3.5	2.5	5.0	2.5	2.0	2.5	5.5	6.0	7.0	7.5	6.0	5.5	5.0	9.0	10.5	8.0	8.0	8.0	6.0	11.0
20	9.0	7.0	7.3	7.5	4.5	3.3	6.0	3.0	3.5	2.3	2.5	2.5	4.5	6.0	5.5	5.0	5.0	4.0	2.5	6.0	6.0	5.5	7.0	5.5	5.0	9.0
21	9.0	7.3	5.5	5.0	3.5	2.5	3.5	4.0	4.5	2.5	2.5	3.5	3.5	3.0	5.0	7.0	5.5	5.0	2.5	6.0	5.5	8.0	4.5	4.0	4.5	9.0
22	3.5	6.5	5.0	3.0	2.5	2.5	4.5	3.0	2.0	1.5	2.0	3.0	3.5	4.0	5.0	5.5	6.0	5.5	2.5	2.5	3.5	4.5	6.5	9.0	4.0	9.0
23	4.5	3.5	3.0	5.0	4.5	4.0	5.0	4.0	2.5	3.0	4.5	5.0	6.0	4.0	2.5	5.0	4.0	4.0	4.0	2.0	3.0	3.0	4.0	4.5	4.0	6.0
24	5.0	3.0	3.5	4.0	4.5	3.5	2.5	3.0	2.5	5.0	4.5	5.0	4.5	4.5	5.5	4.0	4.0	4.0	3.0	6.0	9.0	3.0	5.0	6.5	4.5	9.0
25	7.0	8.3	10.0	8.5	8.0	9.0	8.0	4.5	3.5	3.5	4.0	3.5	4.5	4.0	6.0	12.5	6.5	3.0	3.5	4.0	6.0	9.0	10.0	8.0	6.5	12.5
26	10.0	9.5	11.0	6.5	8.5	8.5	7.5	6.0	6.0	5.5	4.5	3.0	5.5	4.0	4.5	6.5	4.0	9.5	4.5	3.5	3.0	4.5	5.0	5.0	6.0	11.0
27	3.5	3.5	4.5	3.5	2.5	4.0	6.0	3.0	3.5	2.5	3.0	3.0	5.0	4.0	3.0	7.0	9.0	6.5	4.0	3.5	2.5	3.0	3.5	6.0	4.0	9.0
28	4.0	4.0	5.0	3.0	4.0	6.5	4.5	4.0	3.0	4.0	4.0	5.0	4.0	3.5	3.0	5.0	5.5	4.5	4.5	9.0	5.5	5.0	4.5	6.0	4.5	9.0
29	8.5	4.0	4.0	6.0	3.0	4.0	4.0	5.0	2.5	2.5	3.0	3.5	4.5	6.5	6.0	5.0	4.5	4.0	3.0	4.0	5.0	6.0	7.5	7.0	4.5	8.5
30	3.5	4.5	4.5	3.5	3.5	4.5	3.5	3.0	3.5	3.0	3.5	3.5	3.5	3.5	5.0	6.0	5.0	3.0	16.5	24.0	22.5	11.0	10.5	3.5	6.5	24.0
31	4.0	3.5	6.0	7.0	8.0	9.3	8.5	6.0	5.5	4.0	3.5	3.5	6.0	4.0	5.0	4.5	6.5	7.0	2.0	3.5	3.5	8.0	7.0	6.0	5.5	9.5
AV	6.0	6.0	5.5	5.0	4.5	5.0	5.0	4.5	4.0	3.5	3.0	3.5	4.0	4.0	4.0	4.5	5.0	4.5	4.0	5.5	6.0	5.5	5.5	5.5	4.5	[ ]
SD	3.8	4.3	3.8	2.3	2.3	2.2	2.2	2.0	1.7	1.2	.8	.8	1.0	1.1	1.5	2.2	2.3	2.0	2.7	4.1	4.2	2.4	2.5	2.3	1.2	[ ]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	155	160	155	150	155	150	155	145	125	295	265	285	275	275	110	270	300	35	150	150	150	150	125	130	8	
2	150	140	100	120	135	110	130	120	120	60	335	285	325	275	270	255	330	25	135	160	150	160	150	145	7	
3	150	140	115	115	150	145	125	95	105	190	295	285	320	285	265	330	285	260	150	140	150	150	145	150	7	
4	145	150	125	120	150	110	110	150	135	305	300	280	285	310	275	345	45	90	140	150	145	155	150	145	7	
5	140	125	130	135	135	95	125	105	110	25	300	290	[MT]	295	280	265	255	175	150	145	150	145	140	150	7	
6	145	145	145	125	140	140	140	115	110	210	315	315	280	275	285	290	275	160	160	165	140	160	160	160	7	
7	160	165	160	140	135	115	140	95	85	0	345	335	290	280	275	300	300	265	290	285	250	265	270	250	13	
8	105	65	35	115	115	30	65	75	75	50	15	285	215	285	270	65	75	55	80	65	30	25	130	145	4	
9	125	130	145	85	95	145	160	165	205	245	290	275	265	265	270	260	325	30	145	150	150	140	145	135	7	
10	135	145	100	85	35	165	115	165	170	125	310	305	285	275	290	295	195	285	270	275	175	155	300	295	14	
11	245	290	280	290	280	280	280	290	55	275	330	305	285	260	275	285	285	270	245	105	100	150	155	155	13	
12	150	145	150	145	145	135	140	140	145	60	305	245	290	305	305	350	320	0	40	140	165	155	150	145	[VA]	
13	135	120	145	150	125	150	150	110	115	280	295	290	275	270	260	255	40	5	125	150	155	150	145	150	7	
14	150	140	155	155	145	145	135	130	140	270	320	300	285	270	265	270	255	165	150	150	155	135	155	145	[VA]	
15	150	140	145	125	140	135	140	120	175	310	345	290	295	270	270	280	345	45	160	145	155	145	130	150	[VA]	
16	140	140	135	145	140	140	140	115	115	80	335	290	275	275	260	260	270	170	155	140	145	145	135	135	7	
17	110	160	145	140	140	140	140	145	110	310	290	270	280	270	285	285	275	125	145	160	145	135	160	140	7	
18	180	150	140	145	145	145	150	150	165	255	280	280	275	315	300	275	280	325	160	115	80	55	75	65	8	
19	100	320	240	15	0	320	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	60	60	60	75	75	60	80	65	335	4	
20	160	170	160	185	155	155	155	155	130	120	300	335	335	350	25	350	30	125	190	155	160	155	145	155	8	
21	145	130	85	100	140	90	85	155	220	275	315	130	245	160	110	105	155	160	155	155	150	150	155	150	7	
22	145	135	140	135	150	145	125	135	145	175	85	285	290	255	340	205	295	40	145	155	150	125	125	150	8	
23	120	115	130	140	150	145	150	105	150	105	245	330	20	90	175	300	240	145	140	150	135	130	145	150	7	
24	145	140	130	130	110	110	105	95	75	70	70	15	35	20	45	340	240	215	150	170	180	185	140	135	7	
25	150	175	290	320	285	320	10	70	55	55	20	20	10	25	60	90	90	135	155	170	170	150	150	155	8	
26	150	155	150	130	125	130	120	90	65	50	70	295	185	170	180	170	265	270	340	265	235	155	230	185	8	
27	145	150	170	165	120	315	140	130	155	265	280	285	280	275	270	300	295	280	290	250	275	280	270	245	13	
28	335	150	290	225	280	145	85	125	155	280	200	140	275	235	215	210	210	195	190	195	190	195	185	220	10	
29	235	300	345	40	70	55	110	250	300	290	265	285	285	300	295	300	285	275	275	280	275	195	170	155	13	
30	210	205	190	210	230	200	230	140	65	45	280	260	230	230	260	280	215	195	225	245	230	220	220	235	[VA]	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]		
PV	7	[VA]	8	7	7	7	7	7	6	13	14	14	14	14	14	13	13	[VA]	8	[VA]	8	8	8	8	7	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO *
* REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV PEAK
1	250	210	255	180	200	135	135	155	135	70	50	335	285	280	280	270	255	80	70	140	65	135	125	105	7
2	180	145	100	125	130	170	195	330	75	310	255	285	265	175	295	275	265	275	165	145	155	150	150	150	8
3	150	140	130	125	150	135	125	135	125	140	290	270	295	285	270	265	265	165	155	155	155	150	150	150	[VA]
4	135	145	150	120	95	135	125	90	100	120	15	265	265	270	325	325	275	285	265	270	250	265	255	240	13
5	260	145	135	140	195	40	135	250	135	260	275	275	280	275	280	265	275	295	95	275	180	265	255	355	13
6	160	15	160	130	115	95	150	145	95	225	280	275	280	305	325	340	345	310	140	150	170	170	185	105	8
7	120	160	135	125	140	140	150	140	115	115	320	275	265	190	345	350	240	255	145	175	150	150	125	80	7
8	180	195	60	160	355	340	155	85	130	70	240	310	325	280	275	295	305	315	265	265	300	320	150	140	15
9	60	90	150	65	70	135	125	95	140	0	10	295	285	300	275	270	270	245	300	255	255	60	340	165	14
10	155	145	140	140	145	125	145	135	120	50	70	270	310	290	295	260	225	245	255	225	170	275	265	310	7
11	260	210	200	160	155	145	200	190	20	5	275	300	255	310	270	230	270	160	340	220	175	110	310	260	[VA]
12	290	260	180	95	355	265	280	280	235	105	25	265	195	195	195	180	200	210	205	210	205	215	125	125	10
13	150	115	150	95	240	165	175	180	115	285	230	215	210	250	180	180	235	345	250	260	305	340	270	345	9
14	10	340	350	50	65	80	85	85	85	95	90	110	105	115	95	45	350	155	150	150	145	135	130	135	5
15	120	100	80	135	145	120	140	115	145	115	335	330	285	355	330	260	265	205	155	155	140	160	155	140	7
16	150	125	90	130	130	130	145	100	150	135	20	290	215	245	290	285	285	285	210	295	105	100	85	55	7
17	110	100	90	70	40	300	120	115	70	10	340	290	290	275	270	280	260	5	145	155	150	145	150	140	[VA]
18	145	120	140	145	130	150	125	85	105	280	270	290	275	295	265	250	320	115	150	155	225	155	155	145	7
19	145	150	150	150	105	135	120	130	75	35	310	285	285	280	280	280	280	285	150	145	150	145	145	140	7
20	110	175	145	140	125	130	130	105	95	290	335	285	290	[MT]	[MT]	[MT]	[MT]	315	215	130	110	110	115	115	6
21	105	60	105	90	0	105	30	265	255	345	315	270	250	250	250	265	315	240	250	240	235	195	115	120	12
22	105	110	105	110	105	65	110	85	35	340	250	245	240	245	240	210	245	145	110	115	125	120	115	110	6
23	110	85	105	150	355	55	45	200	0	345	10	230	225	255	230	240	245	145	135	160	155	110	110	120	6
24	115	90	100	95	45	45	80	55	100	25	220	345	295	235	240	235	240	230	265	350	325	250	125	220	11
25	265	130	220	245	135	320	190	200	170	205	270	245	240	255	165	245	260	240	215	200	275	120	110	125	12
26	250	175	135	110	10	100	65	105	110	235	260	245	240	245	240	250	290	270	120	260	35	225	250	210	12
27	115	40	50	235	170	150	135	130	190	345	355	45	220	240	210	210	265	330	50	270	130	125	140	135	7
28	120	120	120	110	110	110	110	105	95	50	355	275	235	250	220	230	290	85	110	115	115	130	120	105	6
29	105	60	35	110	70	115	95	55	80	45	65	285	240	235	235	240	230	235	110	110	105	110	110	115	6
30	115	105	100	85	110	240	110	165	270	285	235	270	290	235	240	130	135	145	150	205	10	15	55	40	[VA]
31	15	15	5	285	300	275	250	240	235	230	240	255	260	260	270	295	225	325	295	310	20	20	15	10	14
PV	6	6	7	6	7	[VA]	[VA]	7	5	16	12	13	13	[VA]	[VA]	[VA]	12	15	7	8	8	7	7	7	7

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	0	85	85	120	105	140	140	120	120	215	225	230	0	55	320	270	340	5	95	110	115	120	115	110	6	
2	115	95	90	80	70	50	60	100	45	90	85	335	300	305	310	240	230	205	100	110	115	225	380	260	5	
3	210	110	120	115	115	115	120	105	100	105	280	255	230	245	215	245	250	275	35	285	155	250	240	250	12	
4	260	280	315	70	90	90	100	100	290	245	175	250	260	320	255	220	250	95	110	120	125	125	110	110	5	
5	115	95	110	15	150	123	10	115	285	270	245	260	255	5	310	250	215	280	230	245	240	220	325	325	12	
6	105	275	45	60	135	125	150	100	80	100	[FF]	270	260	285	230	230	260	45	100	190	225	100	110	100	5	
7	130	110	95	90	80	65	45	40	40	40	0	270	255	335	325	315	330	80	110	110	225	230	265	255	5	
8	340	120	30	225	220	295	250	250	245	285	260	240	245	275	230	290	270	235	115	110	115	110	105	115	12	
9	110	100	110	85	110	105	80	95	45	240	320	285	325	215	255	250	225	230	190	220	210	295	90	85	5	
10	145	55	135	215	245	155	275	310	120	250	50	110	260	225	215	190	180	105	160	165	125	100	125	130	7	
11	110	115	75	80	110	105	60	75	85	75	290	305	235	230	235	255	270	320	80	115	130	115	110	125	6	
12	280	130	110	185	265	140	80	90	140	135	255	220	240	235	40	200	220	230	235	240	255	195	80	130	11	
13	240	245	250	215	215	55	135	120	105	75	55	40	305	260	240	170	245	70	115	115	75	105	105	95	[VA]	
14	55	80	65	70	105	105	90	75	40	20	115	245	255	260	295	240	245	170	55	105	125	110	115	120	6	
15	50	80	60	110	170	60	45	105	120	85	225	245	245	245	250	250	240	210	230	220	245	120	350	70	12	
16	85	90	105	65	125	45	140	55	85	250	295	255	245	245	250	255	250	235	235	190	110	105	115	105	6	
17	105	110	110	80	80	100	75	90	95	20	275	290	225	240	235	235	240	195	115	115	125	110	110	110	[VA]	
18	100	100	85	90	80	95	60	80	350	75	275	260	300	250	250	250	225	170	165	60	100	140	245	235	5	
19	340	40	335	250	245	180	125	115	115	195	275	270	245	245	265	285	230	200	110	120	125	115	120	110	6	
20	105	90	85	65	50	45	90	85	90	90	265	275	245	240	240	240	235	230	115	120	120	115	120	115	5	
21	125	100	115	95	75	85	55	80	65	345	265	240	245	235	245	230	240	220	90	115	110	110	115	95	5	
22	105	105	105	110	90	100	85	70	70	65	290	275	250	250	255	240	240	235	350	125	115	110	120	115	6	
23	100	120	90	105	80	85	95	65	90	270	290	235	245	235	235	250	245	240	255	230	150	90	130	10	[VA]	
24	335	115	315	255	210	230	315	105	190	150	250	270	275	275	240	245	210	100	90	165	270	75	105	120	12	
25	125	115	125	115	105	90	85	50	65	20	20	40	290	305	290	315	300	150	75	130	120	125	120	110	6	
26	115	105	125	125	85	75	60	25	30	35	35	345	345	250	240	245	230	320	320	135	265	340	90	105	[VA]	
27	85	40	25	355	140	105	70	105	80	240	280	210	255	250	235	250	235	245	210	330	110	110	70	110	[VA]	
28	110	105	165	20	100	115	115	55	180	330	235	245	250	225	265	235	240	235	145	125	75	45	30	110	6	
29	95	50	80	95	85	95	60	55	65	75	300	255	240	245	235	240	240	210	165	115	120	105	115	105	6	
30	55	95	70	95	100	65	50	45	75	140	305	10	235	245	255	240	235	205	355	45	45	60	70	305	4	
31	320	280	120	120	125	115	100	75	105	[VA]	330	235	240	220	235	240	235	230	60	135	115	120	110	110	6	
PV	5	6	5	5	6	[VA]	4	5	5	4	13	12	12	12	12	[VA]	12	10	5	7	[VA]	6	[VA]	6	6	

ND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	340	325	345	320	325	330	325	315	315	315	295	290	285	275	115	280	310	35	150	340	320	330	340	340	15	
2	0	330	260	285	310	235	285	285	280	285	320	300	330	280	280	255	335	30	135	160	330	330	345	350	14	
3	335	320	285	255	315	320	285	235	180	290	300	295	335	295	275	340	295	265	115	15	330	330	340	355	14	
4	340	345	310	290	310	265	190	295	295	315	320	300	305	320	285	355	50	100	165	335	325	350	0	340	15	
5	315	305	300	305	300	200	245	255	235	285	320	295	290	300	290	270	265	175	140	180	325	330	350	355	14	
6	340	330	320	305	255	295	270	205	250	325	325	315	280	280	290	295	285	165	110	150	330	325	330	335	15	
7	345	320	345	355	330	285	305	210	220	315	5	350	295	285	275	305	305	295	300	290	265	270	275	275	14	
8	10	10	45	115	280	265	235	260	255	280	5	305	230	285	90	45	75	60	280	275	215	230	310	335	13	
9	280	280	295	135	160	245	265	295	300	290	305	285	330	290	290	295	300	265	340	330	315	230	190	155	14	
10	165	170	115	95	80	145	140	150	185	250	320	310	310	295	310	310	285	320	300	305	315	225	275	315	14	
11	300	305	300	305	295	295	295	305	75	275	310	305	290	265	280	295	305	300	275	190	215	230	215	245	14	
12	175	160	165	155	160	150	155	140	120	75	315	290	295	350	305	330	325	275	60	270	320	305	280	195	[VA]	
13	155	135	165	165	145	160	165	120	120	295	320	310	285	275	280	275	70	300	300	325	295	240	260	275	14	
14	230	190	180	175	165	155	140	140	160	255	310	305	295	280	275	275	260	225	165	320	320	340	340	350	15	
15	350	330	325	300	310	310	290	240	295	300	315	0	305	275	280	285	350	50	210	140	325	335	330	345	15	
16	345	330	325	315	315	325	305	230	255	285	350	300	280	280	265	265	280	180	155	180	315	325	320	320	15	
17	300	290	350	345	320	310	305	315	315	295	290	280	285	285	295	290	295	105	145	315	325	295	305	325	[VA]	
18	290	345	355	355	330	315	325	320	295	305	285	295	280	325	310	280	285	330	120	120	300	235	265	210	[VA]	
19	275	320	305	260	205	0	160	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	95	110	110	130	115	100	125	85	290	6	
20	205	230	245	225	175	175	165	165	160	150	315	335	330	15	15	350	340	310	285	290	325	310	295	320	15	
21	315	255	125	145	280	160	145	285	300	300	285	265	290	30	105	85	150	145	345	345	325	315	285	205	14	
22	175	170	180	165	175	180	150	175	165	200	300	295	295	265	335	200	295	30	160	160	160	135	110	160	9	
23	135	30	150	140	160	155	160	95	160	105	245	310	10	80	160	300	255	155	155	160	150	140	155	160	7	
24	155	150	145	140	125	120	120	105	80	65	80	15	40	25	95	335	320	230	160	180	165	160	170	120	[VA]	
25	180	185	290	325	285	320	10	70	55	55	20	20	10	20	60	85	90	130	155	170	170	160	155	155	8	
26	155	160	155	135	135	140	135	90	60	45	70	285	190	170	175	170	265	280	335	265	250	160	230	220	8	
27	165	165	180	170	115	345	140	215	175	260	275	285	280	275	270	295	305	280	285	250	270	280	270	230	[VA]	
28	330	145	265	225	265	115	65	115	160	280	210	140	265	235	215	210	265	195	190	195	185	190	185	215	10	
29	235	290	335	20	75	65	120	260	290	290	265	285	265	295	295	300	285	275	270	280	275	195	170	180	[VA]	
30	210	205	195	210	225	200	220	190	75	95	265	255	230	230	255	280	215	190	220	240	225	220	220	240	11	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	16	15	15	15	15	15	8	14	14	14	14	14	14	14	14	14	14	14	8	9	15	16	16	16	14	

ND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV PEAK
1	250	220	270	195	190	150	140	170	155	65	40	300	290	280	280	270	255	65	45	125	80	115	95	80	13
2	105	100	125	95	135	70	290	340	45	[VA]	260	285	270	275	295	280	265	275	195	155	165	165	165	160	13
3	165	155	125	110	170	150	150	145	140	130	310	200	300	285	275	260	265	210	180	170	175	165	160	160	8
4	150	155	160	135	90	135	145	120	95	50	355	275	275	275	325	330	270	280	270	270	265	270	260	215	13
5	290	160	175	185	210	100	125	265	175	260	275	275	280	280	285	265	270	320	55	235	185	275	250	30	13
6	155	20	165	180	95	80	160	160	65	175	280	270	285	310	325	340	350	295	155	170	180	180	190	130	8
7	100	170	150	115	155	145	160	155	130	100	330	275	275	215	345	350	245	235	155	180	195	160	145	75	8
8	185	180	50	165	355	350	165	75	125	65	245	315	280	280	275	295	320	310	270	260	295	255	175	140	13
9	25	25	140	30	0	60	70	100	150	335	10	305	280	295	275	270	265	240	275	250	290	65	300	165	13
10	160	140	135	140	140	130	145	140	120	30	105	280	320	300	305	315	225	285	260	250	170	275	265	285	7
11	265	210	205	160	160	130	210	190	20	10	280	300	290	270	270	230	270	160	340	235	175	155	315	260	13
12	285	260	175	95	20	275	280	280	220	95	0	245	195	190	195	180	195	200	200	205	200	210	140	130	10
13	160	145	160	170	190	165	170	180	100	285	225	210	210	250	180	180	230	330	245	260	305	340	275	350	9
14	15	345	355	50	65	75	85	80	80	90	85	110	105	105	95	65	235	160	155	160	150	150	145	145	5
15	130	110	75	160	160	125	140	130	160	120	340	335	295	350	335	275	265	245	180	160	155	170	165	150	[VA]
16	155	145	80	120	140	140	145	100	215	145	25	280	225	245	295	290	290	285	215	300	90	75	75	70	7
17	85	105	90	60	40	35	85	90	55	15	10	280	290	280	270	280	260	330	135	175	165	160	160	145	[VA]
18	160	125	145	160	140	155	150	80	85	350	305	285	275	290	270	250	330	120	160	195	255	190	165	155	[VA]
19	160	160	145	155	115	130	120	150	70	30	330	285	290	280	275	275	275	285	165	150	160	155	155	155	8
20	80	60	205	150	135	135	145	100	75	290	340	285	295	295	270	[MT]	[MT]	325	255	225	160	150	150	145	8
21	145	70	80	135	40	125	100	355	275	5	350	305	275	255	275	295	335	270	270	270	265	225	165	160	13
22	150	150	140	140	150	70	135	125	40	5	275	270	270	275	270	240	270	195	150	155	180	170	155	150	8
23	125	125	170	280	290	80	70	210	30	30	40	265	240	285	255	280	280	190	170	210	200	160	155	155	13
24	155	125	105	115	75	60	120	80	135	25	240	10	330	275	265	265	265	255	295	20	305	265	155	250	13
25	265	150	245	275	165	345	235	225	240	225	300	275	265	285	190	280	295	265	245	235	310	150	140	160	13
26	285	195	160	155	5	135	75	220	180	310	290	275	275	275	270	275	285	295	165	285	65	255	275	235	[VA]
27	160	70	145	235	250	35	100	160	195	0	320	105	245	275	225	245	305	5	65	250	160	160	170	180	[VA]
28	160	170	155	150	150	155	145	145	130	65	50	320	270	280	245	270	325	115	150	150	170	170	155	145	8
29	140	100	60	155	90	125	150	80	125	100	65	300	270	260	265	265	255	235	195	150	140	145	135	125	7
30	145	140	145	130	135	350	145	60	335	120	310	255	300	315	260	255	155	160	175	295	40	45	80	60	7
31	45	45	320	335	310	310	285	265	265	255	270	290	295	295	300	295	310	245	345	340	350	45	50	40	14
PV	[VA]	8	8	7	8	[VA]	7	5	7	[VA]	[VA]	14	13	13	14	13	13	13	8	8	9	[VA]	8	8	8

IND DIRECTION @ 20M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	0	85	85	120	105	140	140	160	155	230	290	260	30	80	355	300	10	25	120	150	150	165	155	145	7	
2	155	140	130	120	105	90	80	140	70	125	115	355	335	335	345	270	260	245	135	155	160	220	20	25	7	
3	240	155	165	155	155	145	160	150	130	145	310	290	265	275	255	275	275	300	50	330	205	290	265	270	13	
4	283	310	20	90	190	135	145	165	325	275	200	280	295	355	283	255	265	335	145	160	160	155	145	150	8	
5	155	140	160	60	20	170	35	90	310	300	270	300	270	250	345	280	235	315	245	270	270	230	0	0	13	
6	220	300	20	75	140	155	175	145	120	180	[PF]	245	290	315	260	260	285	110	150	205	235	130	160	150	8	
7	165	150	135	130	130	110	80	65	95	65	30	330	330	10	350	0	0	90	160	135	265	265	290	245	7	
8	245	185	165	255	250	325	280	290	275	280	290	275	275	285	255	325	300	260	170	155	160	155	135	140	13	
9	155	125	145	115	145	140	110	140	70	255	345	315	255	255	240	280	255	175	255	255	245	315	115	130	7	
10	105	120	315	280	250	180	45	350	175	275	80	145	230	255	250	220	205	195	195	200	165	145	165	165	10	
11	150	150	110	90	150	150	85	100	130	110	325	335	265	255	255	270	260	10	90	205	195	170	170	160	8	
12	325	150	215	220	250	185	105	95	155	155	290	245	240	280	5	120	250	255	265	270	280	240	120	155	12	
13	265	270	280	245	245	50	165	155	140	115	90	65	355	295	275	195	270	90	160	150	115	140	145	135	[VA]	
14	115	145	75	50	140	150	135	75	65	40	85	275	290	295	320	270	275	105	65	75	180	160	150	160	[VA]	
15	110	110	95	145	195	80	55	150	150	70	260	280	275	280	285	285	330	240	270	250	270	145	0	0	13	
16	15	110	150	85	155	60	190	80	85	215	320	290	275	280	290	285	285	260	270	235	150	145	150	130	14	
17	140	145	145	130	115	145	100	120	125	80	280	325	260	270	265	265	265	250	160	155	175	150	150	155	7	
18	135	150	125	135	105	135	110	120	35	80	305	290	335	280	275	270	355	200	195	25	130	175	290	305	7	
19	15	70	25	290	295	235	220	150	160	220	310	310	275	275	300	315	260	240	150	160	160	155	160	150	8	
20	130	130	120	110	90	85	140	120	140	115	310	320	280	270	270	270	265	270	200	170	165	165	165	155	8	
21	160	145	145	125	90	115	85	140	110	5	325	270	285	275	275	260	265	265	120	155	150	155	160	140	8	
22	135	155	150	155	135	135	140	130	115	90	335	315	280	285	290	270	270	270	295	190	160	150	155	160	[VA]	
23	130	160	120	135	115	105	145	85	115	175	345	265	275	265	270	280	275	275	265	310	170	195	150	110	6	
24	5	185	270	280	240	255	330	110	225	180	275	310	310	310	270	280	235	205	140	215	280	155	145	155	13	
25	160	155	145	155	165	135	125	90	90	55	45	75	295	325	320	345	330	195	95	170	160	165	160	150	8	
26	155	130	165	160	130	120	100	65	60	65	60	120	15	280	275	270	250	350	350	165	290	0	130	140	8	
27	95	80	45	20	355	155	110	130	110	275	325	235	290	265	270	280	265	270	250	0	140	135	85	150	13	
28	175	140	215	75	110	160	155	70	205	285	265	275	260	255	265	265	270	265	175	160	115	70	70	135	13	
29	150	90	110	140	110	140	70	75	115	110	330	285	270	275	265	265	270	255	230	160	170	150	155	130	8	
30	55	140	100	110	125	120	70	80	85	115	325	335	270	290	285	270	280	185	25	70	75	90	90	350	5	
31	305	295	165	155	160	150	135	110	105	[VA]	330	265	270	255	265	275	265	260	175	165	150	160	150	150	8	
PV	[VA]	7	7	7	7	7	7	5	[VA]	6	15	13	13	13	13	14	13	13	8	8	8	8	7	7	8	

ND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	40	65	65	65	65	65	70	70	70	85	230	255	285	310	220	315	355	330	20	25	30	45	60	65	4	
2	75	80	100	100	100	105	105	105	110	190	280	285	240	230	270	220	280	330	10	35	45	65	75	80	5	
3	80	85	105	270	295	305	320	315	205	185	155	295	285	275	90	235	270	255	5	15	35	75	115	130	14	
4	135	130	125	160	325	330	285	320	330	250	265	100	250	310	50	310	180	135	130	130	130	125	125	125	7	
5	125	125	120	115	115	125	95	105	110	265	260	195	180	175	185	10	80	75	70	70	70	70	75	70	6	
6	105	115	235	270	310	325	320	325	110	170	230	105	105	100	205	200	100	75	85	85	80	80	80	80	5	
7	80	140	150	150	195	270	330	300	235	160	280	180	5	160	235	235	275	170	280	280	275	25	25	20	[VA]	
8	175	145	110	35	170	70	30	55	295	100	310	245	210	210	150	340	340	340	205	125	65	50	165	160	10	
9	185	315	330	260	115	330	330	335	50	110	125	215	280	85	260	35	280	15	30	75	75	75	70	55	16	
10	70	70	65	185	290	45	65	35	80	35	305	265	45	45	100	140	130	20	65	85	280	270	200	210	4	
11	200	220	205	215	115	215	80	110	205	15	105	15	270	170	255	270	280	205	145	275	10	65	180	250	10	
12	205	205	290	320	335	65	65	65	60	270	275	275	125	260	280	220	135	170	180	305	330	325	325	325	[VA]	
13	325	320	320	315	315	315	310	305	300	25	60	285	350	330	330	335	25	270	325	25	40	75	70	70	15	
14	70	70	65	65	60	65	65	60	65	165	225	280	205	220	225	225	225	235	230	235	235	235	240	275	11	
15	280	320	335	335	330	320	325	320	335	5	165	65	190	225	225	15	65	100	135	20	25	25	35	75	16	
16	80	80	75	75	75	75	70	65	95	135	175	315	335	345	335	340	340	345	340	340	340	340	340	335	16	
17	300	40	80	80	75	65	85	75	110	245	275	275	270	285	285	275	285	215	10	25	25	40	60	80	5	
18	85	80	80	80	75	70	70	75	75	205	280	285	280	325	25	5	20	40	155	150	65	255	140	330	4	
19	140	345	345	205	240	230	285	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	275	305	270	300	220	195	140	120	75	14	
20	320	330	325	325	320	320	320	320	315	290	225	235	215	220	115	85	120	205	225	50	20	20	60	20	15	
21	15	30	320	345	5	315	330	75	80	85	140	280	305	115	115	185	220	235	230	235	225	220	220	220	11	
22	215	210	210	210	205	205	205	200	170	105	105	355	150	175	335	230	260	340	60	70	70	60	25	65	10	
23	65	15	60	45	70	70	70	30	65	15	215	135	25	190	335	210	200	175	70	70	70	65	70	70	4	
24	65	65	65	60	55	55	50	45	15	345	320	155	200	215	355	120	105	75	60	65	65	350	325	185	3	
25	305	265	210	315	270	260	300	355	340	340	300	280	245	260	290	325	55	65	70	70	70	60	80	80	13	
26	80	80	80	60	60	70	65	20	345	320	325	345	245	325	20	25	110	180	140	110	115	115	155	150	6	
27	130	235	255	260	200	80	235	270	115	165	145	70	80	95	95	100	120	85	75	50	70	70	65	40	[VA]	
28	105	275	350	105	45	320	120	190	240	265	275	195	235	105	150	240	90	150	185	195	205	225	230	255	13	
29	275	320	0	255	245	230	280	335	350	320	275	275	270	265	210	140	75	35	55	150	160	85	60	70	13	
30	160	155	135	155	170	145	165	135	345	20	170	170	190	35	115	160	150	155	200	325	60	60	65	90	8	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	5	5	5	4	4	4	4	4	6	[VA]	13	13	[VA]	15	11	11	6	9	4	4	4	4	5	4	4	

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO *
* REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	160	155	185	35	10	25	345	40	35	285	285	300	200	190	250	310	345	325	240	245	120	125	125	110	14	
2	120	160	140	190	105	115	80	200	285	195	320	180	100	100	110	100	100	100	75	65	70	70	70	70	5	
3	70	65	35	5	60	65	70	45	60	20	220	200	200	195	235	260	260	255	260	260	255	255	255	250	12	
4	220	215	215	210	110	50	0	355	245	75	130	0	75	90	100	75	60	70	190	210	210	210	210	180	10	
5	170	330	10	155	320	65	100	70	60	75	285	310	310	310	315	310	310	0	50	145	135	305	270	260	15	
6	65	140	260	265	305	310	10	5	105	105	280	310	310	320	305	305	315	265	220	215	220	215	35	25	15	
7	345	70	65	10	70	45	60	50	45	210	285	270	35	40	230	205	180	315	310	330	320	305	315	330	[VA]	
8	235	215	110	125	205	190	135	60	70	335	105	180	125	80	25	0	325	295	290	290	280	35	355	225	14	
9	60	215	50	320	270	200	270	110	125	205	233	225	105	20	345	295	275	180	180	180	195	300	220	20	11	
10	250	175	120	130	295	35	320	220	205	150	210	120	45	270	95	150	200	310	280	300	240	215	215	180	[VA]	
11	5	350	5	310	305	240	290	240	145	160	125	85	305	325	315	270	240	70	130	80	40	340	180	85	15	
12	95	90	40	355	190	125	95	95	90	5	335	105	0	5	25	25	45	20	0	355	5	10	280	265	1	
13	260	230	215	205	105	20	285	220	120	280	35	35	55	95	0	355	15	30	290	155	125	120	15	70	2	
14	90	355	290	145	10	130	215	215	40	240	225	215	145	100	45	20	55	20	15	75	80	80	75	90	5	
15	95	100	150	145	145	135	145	135	145	130	60	355	350	25	295	280	265	265	230	220	210	220	25	70	7	
16	65	75	355	45	80	55	20	305	300	80	35	275	145	150	185	335	335	335	330	120	210	175	160	175	[VA]	
17	155	190	180	170	165	210	145	130	125	140	225	125	125	115	120	130	125	155	120	55	20	350	10	10	7	
18	30	355	15	30	25	35	30	325	290	205	165	315	10	75	185	150	200	340	40	70	325	265	195	150	2	
19	95	70	45	40	220	140	100	135	120	105	53	10	0	5	5	5	0	345	225	210	205	150	145	200	1	
20	120	75	320	265	215	115	85	350	230	180	25	25	30	25	10	[MT]	[MT]	325	265	260	170	175	160	140	2	
21	155	65	75	130	55	130	140	20	275	110	20	320	265	250	285	320	335	265	275	280	275	240	165	165	[VA]	
22	170	160	135	130	160	75	125	130	40	5	285	280	280	285	285	235	280	235	150	170	195	185	170	155	8	
23	95	130	140	290	275	110	70	190	95	40	50	280	245	295	265	245	290	205	180	245	205	185	165	165	13	
24	160	130	90	125	70	65	140	70	145	45	235	0	340	280	275	275	275	260	305	30	330	295	160	260	13	
25	270	205	250	285	165	350	255	225	295	230	320	290	275	290	150	295	300	275	255	250	315	160	140	175	14	
26	330	0	165	170	5	140	70	250	210	330	290	280	290	285	275	285	315	295	165	275	70	250	285	245	13	
27	165	80	140	270	335	40	90	105	190	0	290	160	255	285	240	255	330	15	75	320	160	170	180	190	8	
28	175	180	165	160	155	165	150	160	145	75	45	340	280	295	255	285	340	105	155	165	170	180	160	160	8	
29	145	120	65	165	95	110	160	85	130	130	55	330	280	275	275	275	265	260	235	160	160	165	130	85	8	
30	60	45	50	60	65	165	165	80	270	135	320	260	310	315	270	265	165	170	180	185	60	55	95	75	4	
31	55	60	65	325	350	320	295	285	275	270	285	290	300	310	315	330	300	10	350	0	50	50	40	45	14	
PV	5	4	3	7	4	[VA]	5	[VA]	7	7	14	[VA]	13	14	13	13	[VA]	14	13	[VA]	10	9	8	[VA]	7	

WIND DIRECTION @ 30M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	20	90	80	90	105	140	150	165	155	265	305	275	45	85	15	305	15	30	120	165	165	170	165	155	8	
2	165	155	145	135	120	110	70	165	85	125	130	340	340	350	350	280	270	265	125	150	170	215	20	20	7	
3	245	170	175	170	160	140	165	155	110	160	305	300	275	285	275	280	285	300	45	340	165	315	275	270	13	
4	295	320	35	85	220	185	155	175	330	275	200	285	305	355	295	265	285	330	125	175	170	165	155	155	9	
5	160	145	170	80	10	155	35	85	315	325	270	290	280	275	0	290	240	330	235	280	275	235	20	10	13	
6	230	305	10	70	215	160	185	170	140	175	[PF]	220	270	325	270	270	285	125	165	200	260	140	175	165	9	
7	170	160	150	145	145	125	90	65	105	70	30	5	10	25	0	10	25	50	175	135	280	280	280	260	7	
8	270	195	170	270	260	315	290	290	285	290	300	285	290	295	260	340	305	270	205	160	175	170	130	115	14	
9	160	135	160	130	135	170	130	170	90	340	350	175	305	245	250	290	260	85	275	270	255	320	115	130	7	
10	215	240	205	300	255	190	110	40	185	280	80	135	235	265	255	230	210	195	200	205	190	155	175	170	10	
11	160	160	125	90	160	160	105	90	130	120	345	340	265	265	260	275	235	20	70	230	270	310	195	185	8	
12	275	130	340	220	260	200	105	75	130	145	310	255	255	310	10	180	265	265	270	275	290	255	120	180	[VA]	
13	275	280	285	260	255	25	175	165	155	130	105	70	10	300	290	200	275	85	160	160	135	155	155	150	8	
14	135	175	5	30	155	165	160	105	80	25	55	280	295	305	315	280	280	200	30	80	200	165	155	170	8	
15	140	165	75	145	185	95	50	165	165	40	265	275	285	290	295	290	355	255	285	265	280	145	355	340	13	
16	285	125	160	80	60	75	155	80	180	260	330	300	280	290	305	295	295	270	280	245	155	155	145	115	[VA]	
17	140	165	150	150	100	145	60	150	155	115	60	330	270	280	275	280	275	270	195	190	190	170	145	165	8	
18	125	165	120	125	140	150	80	180	55	80	315	305	350	290	285	275	0	185	200	335	130	155	330	0	7	
19	25	75	40	310	320	255	245	180	170	205	30	330	285	290	310	325	270	255	155	170	170	165	170	160	9	
20	160	140	135	130	105	95	155	115	150	40	345	335	290	280	290	280	275	285	250	185	180	180	175	160	9	
21	170	155	140	130	90	90	75	145	115	35	330	265	295	295	250	275	275	275	195	160	165	165	145	130	7	
22	130	160	145	145	105	120	155	150	100	85	355	330	295	295	305	275	275	285	290	245	200	170	150	170	8	
23	130	165	105	140	105	95	160	80	100	20	355	275	285	270	280	285	295	290	295	325	175	225	160	125	14	
24	355	215	260	280	245	260	345	105	205	185	280	330	325	315	280	290	240	210	250	230	280	205	150	160	12	
25	170	165	170	165	175	150	140	110	115	70	45	65	305	330	330	355	335	220	75	240	175	175	170	165	8	
26	165	160	175	170	145	135	115	85	70	65	60	120	20	285	285	280	250	355	325	180	280	5	125	135	7	
27	100	35	55	40	355	165	130	115	140	65	340	245	305	300	280	290	275	275	265	5	165	150	85	150	13	
28	165	155	225	75	75	170	165	100	50	225	275	285	300	265	275	275	280	280	180	170	130	80	60	140	13	
29	145	100	100	155	100	145	65	65	120	115	345	295	275	285	275	275	275	270	250	175	190	160	160	135	[VA]	
30	55	135	115	100	120	135	60	90	115	110	290	65	280	285	300	280	290	50	35	75	80	90	95	20	5	
31	320	330	180	165	170	160	150	125	100	5	10	275	280	265	280	285	275	275	215	195	175	170	155	155	8	
PV	8	8	7	7	[VA]	8	8	5	6	6	16	14	14	14	14	14	13	13	13	9	9	[VA]	8	8	8	

TEMPERATURE
(DEGREES C)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2	2	1	0	0	-1	-1	-1	1	4	6	8	9	10	11	11	11	10	7	5	4	3	3	2	4	11
2	2	1	1	0	0	0	-1	1	1	4	6	9	11	12	13	14	14	12	8	6	5	4	3	2	5	14
3	2	1	1	1	0	-1	0	0	1	3	6	8	11	12	13	14	14	11	7	-5	5	4	3	2	5	14
4	2	1	1	0	0	0	-1	-1	0	3	5	7	9	11	12	13	12	10	7	5	4	3	2	2	4	13
5	1	1	1	0	-1	-1	-1	-2	0	3	6	9	[MT]	13	14	14	13	12	8	6	5	3	3	2	5	14
6	1	0	0	0	0	-1	-2	-1	1	4	7	11	13	15	16	16	16	13	10	9	8	8	7	6	7	16
7	5	6	5	2	2	1	0	1	3	7	11	13	15	16	17	17	15	14	12	11	10	9	8	8	9	17
8	7	6	6	5	5	5	5	5	5	6	7	7	6	6	6	6	6	6	6	5	4	3	2	1	6	8
9	1	-1	-1	0	-1	-1	-1	-2	-2	0	1	2	3	4	5	5	5	3	0	-2	-3	-3	-4	-5	0	5
10	-5	-4	-4	-4	-4	-4	-4	-5	-3	-1	0	2	4	4	5	5	4	5	4	0	0	0	0	0	0	5
11	-1	-1	-1	-1	-1	-2	-2	-2	-2	-1	0	1	3	2	3	3	3	2	1	-1	-3	-4	-5	-6	-1	5
12	-7	-7	-8	-9	-8	-9	-10	-10	-8	-5	-2	-1	1	2	3	3	3	1	0	-3	-4	-5	-6	-6	-4	3
13	-7	-8	-6	-8	-9	-9	-9	-10	-9	-5	-2	0	2	3	4	5	4	3	0	-2	-3	-4	-5	-6	-3	5
14	-7	-9	-7	-8	-9	-9	-10	-9	-7	-3	0	3	4	6	7	6	5	4	1	0	0	-1	-1	-1	-2	7
15	-2	-2	-3	-3	-5	-7	-6	-6	-5	-1	2	5	8	9	10	10	9	7	4	2	0	-1	-1	-2	1	10
16	-3	-3	-4	-4	-6	-6	-6	-7	-3	0	3	5	7	9	10	11	10	7	4	2	1	0	1	1	1	11
17	1	-1	-2	-3	-4	-3	-4	-6	-3	2	3	6	8	10	10	10	9	7	4	4	3	2	2	0	2	10
18	0	0	-1	-2	-3	-5	-6	-3	-1	-1	2	5	6	8	8	7	6	6	5	4	3	2	1	0	2	8
19	-2	-3	-3	-3	-3	-2	-2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0	-1	-1	-2	-3	-3	-4	-5	-2	0
20	-7	-7	-9	-9	-6	-10	-11	-11	-11	-10	-4	-3	-3	-2	-1	-1	-2	-2	-3	-3	-5	-6	-6	-7	-5	-1
21	-7	-6	-6	-6	-6	-6	-6	-5	-4	-4	-3	-2	1	0	0	1	0	-1	-3	-5	-6	-7	-7	-8	-4	1
22	-9	-10	-10	-10	-10	-11	-11	-11	-10	-7	-6	-4	0	1	2	3	3	1	-2	-3	-5	-5	-5	-5	-5	3
23	-5	-5	-6	-6	-7	-8	-8	-8	-6	-3	-2	0	2	3	5	5	4	2	-1	-2	-2	-2	-3	-3	-2	5
24	-4	-4	-5	-5	-6	-5	-5	-5	-5	-3	-1	0	2	5	6	5	4	3	1	1	2	2	2	2	-1	5
25	2	3	3	-1	-1	-1	-2	-3	-4	-4	-3	-3	-3	-2	-2	-3	-4	-5	-7	-8	-10	-11	-13	-13	-4	3
26	-14	-14	-14	-14	-14	-14	-14	-14	-13	-11	-8	-7	-6	-6	-4	-4	-5	-6	-7	-7	-8	-9	-9	-10	-10	-4
27	-12	-13	-12	-11	-11	-11	-11	-11	-10	-8	-8	-7	-6	-6	-5	-5	-5	-5	-5	-5	-5	-6	-6	-6	-8	-5
28	-6	-6	-6	-6	-6	-6	-6	-6	-5	-5	-5	-2	0	3	4	3	2	1	0	0	-1	-1	-2	-1	-2	4
29	-3	-5	-3	-3	-4	-5	-5	-6	-6	-5	-5	-4	-5	-5	-6	-7	-8	-9	-9	-9	-9	-11	-12	-11	-6	-2
30	-9	-9	-10	-9	-9	-9	-9	-11	-10	-9	-6	-2	0	0	0	-1	-1	-2	-2	-2	-2	-2	-2	-1	-5	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	-3	-3	-3	-4	-4	-5	-5	-5	-4	-2	0	2	4	5	6	6	5	4	2	0	-1	-1	-2	-2	0	[ ]
SD	5	5	5	4	4	4	4	5	4	5	5	5	6	6	6	6	6	6	5	5	5	5	5	5	5	[ ]

PERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-1	-3	-1	-1	0	-1	-2	-2	-1	-1	2	5	8	7	7	5	4	2	2	-1	0	-2	-3	-3	1	8
2	-4	-3	-3	-4	-4	-4	-5	-5	-5	-3	0	2	4	5	6	6	4	3	0	0	-3	-3	-4	-5	-1	6
3	-1	-5	-6	-5	-7	-7	-7	-8	-7	-4	-2	0	2	3	4	3	3	2	-1	-3	-3	-4	-5	-6	-3	4
4	-1	-2	-7	-7	-7	-7	-9	-8	-8	-6	-4	-1	1	2	3	3	2	0	-2	-3	-5	-5	-6	-7	-4	3
5	0	-4	-8	-9	-9	-10	-9	-9	-8	-6	-4	-3	-3	-1	0	0	0	-1	-2	-1	-2	-2	-2	-2	-4	0
6	-2	-3	-2	-2	-2	-3	-4	-5	-4	-2	1	3	5	6	7	6	5	3	1	0	0	-2	-2	-3	0	7
7	2	-4	-4	-9	-3	-6	-5	-8	-6	-4	-2	0	0	1	3	3	2	1	-2	-2	-3	-3	-4	-3	-2	3
8	-5	-4	-4	-5	-3	-5	-6	-6	-6	-4	-3	-2	0	1	2	2	2	-1	-2	-4	-4	-4	-6	-6	-3	2
9	-7	-7	-8	-7	-8	-9	-8	-8	-8	-7	-6	-5	-3	-3	-3	-3	-3	-4	-4	-5	-4	-5	-5	-6	-6	-3
10	-1	-8	-8	-8	-8	-5	-9	-8	-8	-7	-6	-5	-4	-4	-3	-3	-4	-4	-4	-4	-4	-4	-5	-5	-6	-3
11	-5	-4	-6	-6	-7	-6	-6	-6	-6	-5	-4	-3	-3	-2	-2	-3	-3	-4	-3	-4	-4	-4	-4	-4	-4	-2
12	-2	-5	-5	-5	-5	-5	-4	-4	-4	-4	-2	1	6	6	5	5	5	5	5	4	4	3	2	1	0	6
13	-1	-1	-1	1	0	1	-1	-1	-2	2	5	5	5	4	2	2	2	1	-1	1	-2	-2	-2	-3	1	5
14	-3	3	-4	-4	-5	-5	-7	-7	-8	-8	-7	-7	-8	-6	-6	-6	-6	-10	-12	-13	-14	-15	-13	-15	-8	-3
15	-13	-14	-17	-16	-19	-19	-18	-18	-19	-18	-16	-13	-11	-9	-8	-8	-9	-11	-13	-14	-16	-16	-16	-17	-15	-8
16	-18	-19	-19	-18	-18	-19	-19	-20	-19	-17	-14	-11	-9	-7	-7	-5	-6	-6	-10	-11	-12	-12	-12	-13	-13	-5
17	-14	-13	-13	-13	-14	-14	-15	-15	-15	-14	-11	-9	-7	-6	-6	-6	-7	-8	-10	-11	-12	-12	-13	-14	-11	-6
18	-14	-14	-15	-15	-16	-16	-17	-17	-16	-15	-11	-9	-8	-6	-5	-5	-6	-8	-9	-11	-11	-13	-14	-16	-12	-5
19	-6	-14	-17	-17	-17	-18	-16	-18	-18	-15	-12	-11	-9	-8	-7	-7	-6	-9	-12	-13	-14	-15	-15	-16	-14	-7
20	-16	-16	-16	-18	-17	-18	-18	-18	-18	-16	-17	-11	-10	-8	-6	-6	-9	-11	-12	-14	-15	-16	-16	-16	-14	-8
21	-7	-8	-14	-17	-16	-6	-16	-16	-15	-15	-13	-11	-10	-8	-6	-6	-8	-9	-10	-10	-10	-11	-11	-13	-12	-6
22	-15	-15	-15	-16	-15	-16	-16	-16	-15	-13	-12	-9	-8	-7	-7	-6	-6	-8	-11	-12	-12	-13	-14	-14	-12	-6
23	-14	-14	-14	-14	-14	-14	-13	-13	-12	-11	-9	-7	-6	-6	-5	-5	-8	-9	-11	-11	-12	-13	-13	-13	-11	-5
24	-14	-11	-14	-13	-15	-5	-17	-16	-16	-14	-12	-10	-8	-7	-7	-8	-10	-9	-10	-10	-10	-10	-10	-10	-12	-7
25	-11	-11	-10	-10	-10	-10	-11	-12	-12	-11	-9	-8	-9	-8	-7	-6	-7	-10	-11	-11	-11	-11	-11	-11	-10	-6
26	-13	-12	-11	-11	-11	-12	-13	-13	-13	-11	-9	-8	-7	-6	-6	-6	-8	-9	-9	-8	-8	-7	-8	-9	-9	-8
27	-10	-10	-12	-11	-11	-12	-13	-13	-13	-11	-6	-2	-2	0	0	-1	-1	-2	-3	-4	-6	-7	-9	-10	-7	0
28	-11	-12	-13	-15	-14	-15	-15	-16	-16	-13	-10	-8	-6	-4	-3	-3	-3	-7	-10	-11	-11	-12	-13	-15	-11	-3
29	-14	-15	-15	-16	-16	-17	-17	-17	-16	-15	-12	-9	-8	-7	-7	-6	-7	-8	-10	-11	-13	-13	-14	-14	-12	-6
30	-13	-13	-14	-15	-18	-19	-16	-16	-15	-14	-11	-10	-7	-6	-6	-7	-7	-6	-6	-5	-6	-7	-6	-6	-10	-5
31	-6	-7	-7	-7	-8	-8	-8	-9	-9	-9	-7	-7	-7	-7	-7	-7	-7	-7	-6	-6	-8	-9	-10	-10	-8	-6
37	-9	-11	-10	-10	-10	-11	-11	-11	-11	-9	-7	-5	-4	-3	-2	-3	-3	-5	-6	-7	-7	-8	-9	-9	-8	[1
30	5	[	5	6	5	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[1

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 14 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-11	-11	-11	-13	-13	-14	-15	-16	-16	-16	-14	-13	-11	-11	-11	-11	-12	-15	-16	-18	-19	-21	-22	-22	-15	-11
2	-23	-24	-24	-24	-25	-25	-26	-25	-25	-24	-21	-20	-17	-15	-14	-15	-15	-17	-19	-20	-19	-18	-18	-18	-20	-14
3	-19	-20	-22	-22	-22	-23	-23	-24	-23	-21	-19	-17	-15	-14	-13	-14	-14	-14	-15	-15	-15	-14	-14	-14	-18	-13
4	-14	-14	-14	-15	-15	-15	-15	-15	-14	-13	-12	-11	-10	-9	-9	-9	-10	-12	-14	-15	-16	-17	-18	-18	-14	-9
5	-18	-18	-18	-18	-18	-16	-16	-15	-14	-13	-12	-11	-10	-8	-8	-8	-9	-8	-9	-9	-9	-10	-9	-9	-12	-8
6	-9	-9	-9	-10	-11	-12	-11	-13	-13	-10	[PF]	-8	-5	-3	-5	-5	-8	-7	-9	-9	-9	-12	-12	-13	-9	-3
7	-11	-14	-16	-15	-16	-16	-18	-16	-17	-16	-14	-13	-10	-10	-8	-7	-8	-9	-13	-14	-13	-14	-14	-14	-13	-7
8	-14	-14	-14	-14	-14	-14	-13	-14	-12	-11	-10	-10	-8	-7	-6	-6	-7	-8	-11	-12	-13	-14	-14	-14	-11	-6
9	-15	-16	-16	-16	-16	-17	-17	-17	-16	-16	-13	-11	-9	-7	-5	-5	-6	-6	-7	-8	-9	-9	-9	-10	-11	-5
10	-10	-3	-10	-9	-10	-9	-9	-9	-10	-9	-7	-3	0	0	0	1	-1	-2	-4	-6	-9	-9	-10	-9	-6	1
11	-11	-14	-13	-14	-16	-15	-15	-15	-16	-13	-11	-8	-7	-6	-5	-4	-5	-6	-7	-10	-11	-11	-11	-10	-11	-4
12	-9	-9	-10	-10	-10	-11	-11	-12	-11	-12	-9	-8	-6	-3	-4	-3	-3	-3	-1	-1	-2	-4	-5	-6	-7	-1
13	-4	-4	-5	-6	-6	-8	-11	-13	-13	-11	-9	-7	-4	-3	-2	-3	-3	-5	-8	-10	-9	-11	-13	-13	-8	-2
14	-12	-13	-14	-15	-17	-18	-17	-17	-17	-15	-12	-10	-8	-7	-6	-6	-7	-8	-9	-11	-12	-12	-13	-13	-12	-6
15	-13	-14	-14	-14	-15	-15	-14	-16	-15	-13	-11	-8	-6	-5	-4	-3	-4	-5	-5	-6	-7	-8	-9	-9	-10	-3
16	-10	-11	-10	-10	-11	-11	-12	-12	-11	-9	-6	-4	-2	-1	0	1	1	-2	-4	-6	-7	-9	-9	-9	-7	1
17	-9	-10	-11	-11	-11	-11	-11	-12	-12	-10	-7	-4	-1	-1	-1	0	0	-2	-4	-6	-6	-9	-9	-10	-7	0
18	-9	-10	-9	-10	-11	-11	-10	-11	-10	-9	-7	-4	-2	-1	0	0	-2	-3	-4	-3	-5	-6	-5	-3	-6	0
19	-3	-2	-3	-4	-7	-8	-10	-12	-12	-9	-6	-3	-2	-1	0	0	1	-2	-6	-7	-8	-9	-10	-11	-6	1
20	-12	-12	-12	-12	-13	-14	-14	-15	-15	-13	-10	-7	-5	-4	-3	-3	-3	-4	-8	-9	-10	-11	-12	-13	-10	-3
21	-12	-14	-13	-14	-14	-15	-15	-16	-16	-11	-11	-9	-6	-4	-3	-3	-3	-4	-8	-10	-11	-12	-12	-13	-10	-3
22	-14	-14	-15	-15	-16	-16	-17	-17	-16	-14	-11	-9	-7	-5	-4	-4	-5	-6	-7	-8	-11	-13	-13	-13	-11	-4
23	-14	-15	-14	-16	-16	-16	-17	-19	-17	-15	-12	-11	-9	-8	-7	-7	-8	-8	-8	-8	-8	-8	-8	-8	-12	-7
24	-7	-7	-8	-8	-9	-9	-9	-9	-8	-8	-6	-4	-3	-2	-1	-1	-1	-3	-4	-5	-5	-6	-9	-10	-6	-1
25	-10	-12	-11	-12	-12	-12	-11	-11	-11	-9	-7	-6	-3	-3	-3	-3	-4	-5	-8	-9	-12	-12	-12	-14	-9	-3
26	-14	-14	-13	-14	-16	-17	-17	-17	-17	-14	-11	-8	-6	-5	-5	-4	-4	-4	-6	-6	-6	-7	-7	-9	-10	-4
27	-9	-9	-10	-11	-11	-13	-14	-14	-14	-14	-10	-8	-6	-3	-3	-2	-3	-3	-4	-5	-6	-7	-8	-9	-8	-2
28	-8	-9	-9	-9	-10	-11	-11	-12	-11	-11	-8	-5	-3	-2	-1	0	0	-2	-4	-6	-6	-6	-6	-8	-7	0
29	-9	-8	-9	-11	-10	-11	-11	-11	-11	-9	-6	-3	-2	0	1	1	1	0	-2	-4	-6	-8	-9	-8	-6	1
30	-8	-9	-9	-9	-10	-11	-11	-10	-11	-10	-7	-3	-1	1	3	3	3	2	4	3	3	2	2	0	-3	4
31	-1	-3	-5	-7	-8	-8	-8	-8	-9	-6	-4	-2	-1	1	1	2	2	0	-1	-3	-5	-6	-7	-8	-4	2
AV	-11	-12	-12	-13	-13	-14	-14	-14	-14	-12	-10	-8	-6	-5	-4	-4	-4	-6	-7	-8	-9	-10	-10	-11	-10	[ ]
SD	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	4	4	4	4	[ ]

DELTA T
(DEGREES C.)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.6	.6	.5	.9	.8	.7	.7	.8	.2	.2	.3	.1	.2	.2	.2	.2	.3	.4	1.2	1.0	.7	.6	.5	.8	.5	1.2
2	.7	.5	.7	.9	.7	.7	.7	.8	.1	.4	.7	.1	.1	.2	.2	.1	.1	.4	1.8	.9	.9	.4	1.0	.6	.6	1.8
3	.6	.6	.3	.7	.6	.7	.3	.3	.4	.1	.1	.1	.1	.2	.1	.2	.3	.3	1.3	.2	1.0	1.0	.8	.7	.5	1.3
4	.7	.7	.6	.8	.8	.5	.8	1.2	.5	.1	.2	.2	.2	.1	.1	.2	.2	.6	2.1	1.2	1.2	.7	.9	.6	.6	2.1
5	.7	.7	.5	.8	.9	.5	1.1	.9	.3	.0	.1	.0	[MT]	.1	.1	.0	.1	.7	1.6	1.3	1.4	1.8	1.7	1.2	.7	1.8
6	1.4	1.6	1.3	1.3	1.0	1.3	1.2	.8	.5	.1	.2	.1	.1	.1	.0	.0	.2	1.2	.7	1.0	1.6	1.4	.9	1.3	.8	1.6
7	1.1	.4	.7	1.7	1.1	.6	2.1	1.5	1.7	.5	.0	.0	.0	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.5	2.1
8	.3	.3	.3	.3	.3	.2	.0	.0	.0	.0	.1	.1	.2	.1	.0	.1	.1	.2	.2	.3	.4	.6	.5	.8	.2	.8
9	.7	.9	1.0	.5	.4	.5	.5	.5	.5	.4	.3	.3	.6	.4	.6	.5	.6	.8	1.7	1.3	1.2	1.4	1.6	1.4	.8	1.7
10	1.7	1.1	1.2	1.1	1.0	.8	1.0	1.1	.5	.3	.4	.4	.4	.5	.5	.4	.5	.7	.5	.4	.4	.6	.6	.5	.7	1.7
11	.7	.6	.5	.5	.5	.4	.4	.5	.4	.3	.4	.3	.3	.4	.4	.4	.4	.4	.4	.6	.7	1.0	.8	.8	.5	1.0
12	.9	.7	.7	.6	.6	.7	.8	1.0	.5	.4	.4	.3	.5	.4	.4	.4	.5	.5	1.0	2.5	1.2	1.3	1.0	1.0	.8	2.5
13	.8	1.9	1.2	1.1	1.0	1.2	1.0	.9	.5	.5	.4	.4	.4	.4	.4	.4	.5	.5	2.1	2.2	1.2	1.4	1.1	1.3	.9	2.2
14	1.1	1.0	1.2	1.4	1.6	1.4	1.4	1.1	.6	.4	.4	.3	.5	.4	.5	.5	.5	1.2	2.3	1.3	1.1	1.2	1.0	.9	1.0	2.3
15	.9	1.3	1.1	.8	.9	.7	1.1	1.2	.7	.5	.5	.3	.3	.3	.3	.4	.4	.7	1.7	2.6	1.9	1.7	1.1	1.4	1.0	2.6
16	1.8	1.3	1.3	1.6	1.5	1.6	1.2	1.4	.7	.4	.5	.4	.4	.3	.3	.3	.4	1.9	1.7	2.4	3.1	2.7	1.9	1.5	1.3	3.1
17	1.0	1.6	2.2	3.1	2.5	1.5	2.2	2.0	1.1	.5	.3	.3	.3	.2	.4	.3	.4	1.6	2.4	1.7	1.5	1.4	1.4	1.7	1.3	3.1
18	1.1	1.6	1.6	1.4	.9	1.2	1.5	1.6	.6	.4	.3	.2	.3	.3	.2	.3	.4	.5	.4	.3	.2	.3	.2	.2	.7	1.8
19	.2	.2	.3	.3	.3	.3	.3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.2	.2	.2	.2	.2	.2	.2	.3	.4	.2	.4
20	1.0	.8	1.0	.8	.8	.7	.6	.5	.3	.2	.4	.3	.4	.4	.3	.3	.4	.4	.5	.4	.8	.6	.6	.5	.5	1.0
21	.4	.5	.5	.3	.2	.3	.3	.3	.2	.2	.4	.3	.3	.3	.3	.4	.4	1.0	.5	.6	.7	.6	.4	.5	.4	1.0
22	.4	.6	.6	1.0	.6	.8	.9	.9	.4	.2	.1	-.1	.1	.1	.2	.1	.2	.6	1.3	1.5	1.8	.8	.9	.8	.6	1.8
23	.7	1.0	1.0	1.3	1.5	1.4	1.3	1.1	.6	.1	.1	.1	.0	.1	.0	.2	.3	1.6	2.0	1.7	1.2	1.2	1.0	.9	.9	2.0
24	1.0	1.0	1.3	.5	.6	.9	.5	.7	.9	.4	.2	.0	.1	.1	.0	.2	.3	.6	1.2	.7	.9	.7	1.6	1.7	.7	1.7
25	1.7	.8	.2	.4	.4	.4	.3	.2	.2	.3	.4	.3	.3	.3	.2	.1	.1	.3	1.2	.6	.4	.6	.9	.7	.5	1.7
26	.8	.9	.7	.3	.6	1.0	1.2	1.4	1.0	.3	.2	.5	.1	.1	.1	.1	.2	.2	.3	.3	.4	.8	.6	.8	.5	1.4
27	1.7	2.0	.8	.3	.5	.4	.4	.3	.2	.2	.3	.3	.3	.2	.2	.2	.1	.1	.1	.1	.1	.2	.1	.1	.4	2.0
28	.1	.2	.2	.2	.2	.1	.1	.2	.2	.2	.2	.3	.6	.4	.3	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.6
29	.3	.3	.4	.5	.6	.6	1.2	1.0	.9	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.3	.4	.5	.4	1.2
30	.2	.5	.4	.4	.4	.5	.5	1.1	1.4	2.5	1.7	.6	.3	.4	.3	.3	.2	.2	.2	.2	.3	.4	.3	.4	.6	2.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.8	.8	.8	.9	.8	.8	.9	.9	.6	.4	.3	.2	.3	.3	.2	.2	.3	.6	1.0	.9	.9	.9	.6	.6	.6	[ ]
SD	.3	.3	.3	.6	.3	.4	.5	.5	.4	.4	.3	.2	.2	.1	.2	.1	.1	.5	.7	.8	.7	.6	.5	.4	.3	[ ]

ELTA T
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.3	.5	.7	1.0	.3	.5	1.0	1.2	1.0	1.1	.7	.4	.4	.3	.2	.1	.3	.7	.8	1.5	1.3	1.4	1.8	1.5	.8	1.8
2	1.6	2.4	1.3	1.7	1.5	1.3	1.1	.7	.8	.2	.2	.6	.0	.0	.0	.1	.2	.2	1.2	2.0	1.7	1.5	1.4	1.6	1.0	2.4
3	1.7	1.4	.9	.9	1.4	1.3	1.1	1.3	.7	.1	.3	.3	.1	.1	.1	.0	.0	.6	1.6	1.7	1.2	1.4	1.2	1.1	.9	1.7
4	.9	1.3	1.1	.6	1.0	1.4	1.2	1.0	1.1	.4	.2	.1	.1	.1	.2	.1	.2	.1	.5	.2	.4	.3	.5	.9	.6	1.4
5	.9	.3	.3	.3	.2	.4	.7	.4	.5	.1	.4	.2	.1	.2	.0	.0	.3	.4	.6	.4	.3	.3	.1	.2	.3	.9
6	.2	.2	.2	.4	.3	.6	1.2	1.2	.8	.1	.1	.1	.1	.1	.1	.1	.2	.4	1.6	1.7	.9	1.1	.7	.8	.6	1.7
7	1.2	1.2	.8	.8	1.5	1.0	1.2	1.1	.7	.2	.0	.0	.0	.0	.0	.1	.1	.5	1.2	.7	.9	1.0	.9	.9	.7	1.5
8	.8	.5	.5	.8	.5	.6	.6	.3	.2	.2	.0	.1	-.5	.0	.0	.0	.1	.5	.3	.6	.3	-.1	-.1	-.1	.3	.8
9	-.1	.0	.0	.0	.3	.1	.0	.0	.1	.1	.2	.3	.3	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.1	.1	.3
10	.1	.1	.0	.0	.1	.0	.0	.1	.1	.3	.4	.5	.5	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.1	.1	.5
11	.0	.1	.0	.1	.1	.0	.0	.1	.2	.3	.6	.5	.4	.2	.1	.1	.1	.1	.0	.1	.0	.1	.0	.1	.1	.6
12	.1	.1	.0	.0	.1	.1	.1	.0	.1	.2	.5	1.9	.0	-.1	-.1	-.1	.0	.0	.0	.0	.1	.3	.8	1.8	.2	1.9
13	1.7	1.5	1.6	.7	.9	.9	.9	.9	1.4	.6	.1	-.1	-.1	-.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.5	1.7
14	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.2	.2	.3	.4	.3	1.1	1.3	1.3	.9	1.2	1.3	.9	.4	1.3
15	.5	.9	2.0	1.9	1.6	1.0	1.1	.9	1.8	1.0	.8	.8	.7	.8	.6	.5	.3	.8	1.8	1.4	2.3	1.4	1.0	1.8	1.2	2.3
16	1.4	1.2	1.2	1.3	1.3	1.4	1.3	1.4	1.1	.5	.7	.6	.6	.6	.7	.7	.5	.7	1.0	.7	1.8	2.6	2.1	1.9	1.1	2.6
17	2.6	2.2	2.1	2.3	1.5	1.2	2.5	2.2	2.4	2.2	.7	.8	.7	.4	.4	.3	.4	.5	1.7	2.1	2.0	1.2	1.7	1.6	1.5	2.6
18	1.6	1.4	1.9	2.3	1.8	2.0	1.7	1.7	1.5	1.1	.7	.7	.5	.5	.5	.3	.2	.8	1.0	1.3	.9	1.4	2.0	2.5	1.3	2.5
19	2.3	1.9	1.7	1.8	1.4	1.9	1.9	2.3	1.4	.6	.7	.5	.6	.4	.3	.2	.2	.3	1.2	1.9	2.0	2.3	2.1	1.9	1.3	2.3
20	1.2	1.5	1.8	2.6	1.2	1.7	2.3	1.7	1.9	1.3	.8	.5	.5	.3	.3	.3	.2	.2	.3	1.1	1.5	2.1	1.4	1.5	1.2	2.6
21	1.6	.8	1.1	1.4	1.1	1.5	1.0	.8	.8	.5	.5	.6	.3	.4	.5	.3	.5	.5	.3	.1	.0	.1	.4	.8	.7	1.6
22	1.8	1.4	1.1	1.5	1.3	1.3	1.9	1.1	1.0	.9	.5	.4	.4	.4	.4	.2	.1	.9	2.3	2.2	1.7	1.5	1.9	2.0	1.2	2.3
23	1.5	1.4	1.4	.8	.7	.6	.9	.7	.3	.1	.1	.2	.2	.2	.1	.2	.2	.6	.7	1.2	.9	.9	1.2	1.4	.7	1.5
24	1.5	1.1	1.8	1.9	1.5	1.4	1.9	1.3	1.5	.7	.4	.6	.4	.4	.2	.1	.0	.0	.0	.2	.1	.0	.0	.2	.7	1.9
25	.1	.1	.3	.2	.1	.2	.4	.6	.5	.6	.8	.2	.3	.5	.3	.4	.4	.2	-.1	-.1	-.1	.0	.0	.1	.2	.8
26	.1	.2	.2	.2	.3	.7	1.1	.7	1.2	1.1	1.1	.5	.5	.3	.2	.2	.2	.1	.1	.1	.1	.9	.4	.3	.5	1.2
27	.4	.9	1.0	.7	.3	1.3	1.1	1.1	1.5	.9	3.0	2.1	.3	.1	.1	.2	.2	.1	.2	.8	1.3	1.0	.8	1.1	.9	3.0
28	1.5	1.2	1.4	1.3	1.4	.8	1.2	1.6	1.0	.6	.4	.5	.3	.5	.4	.3	.1	1.7	1.7	1.4	.9	1.2	1.3	1.0	1.0	1.7
29	1.3	1.1	1.9	1.4	.9	1.8	1.7	.9	1.6	.6	.3	.4	.2	.1	.2	.2	.1	.2	1.1	1.7	1.8	1.7	1.5	1.3	1.0	1.9
30	1.5	1.3	1.2	1.0	1.2	.6	1.5	.9	.8	.4	.4	.4	.3	.4	.4	.1	.0	.0	.0	.1	.2	.2	.0	.0	.5	1.5
31	-.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.2	.2	.2	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.2
AV	1.0	.9	1.0	1.0	.9	.9	1.1	.9	.9	.6	.5	.5	.3	.3	.2	.2	.2	.4	.7	.9	.8	.9	.9	.9	.7	[ ]
SD	.8	.7	.7	.8	.6	.6	.7	.6	.6	.5	.5	.5	.3	.2	.2	.2	.1	.4	.7	.7	.7	.8	.7	.7	.4	[ ]

DELTA T
(DEGREES C.)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	.1	.2	.2	.2	.6	.7	1.0	1.1	.8	.5	.6	.4	.3	.3	.3	.2	.4	1.2	1.7	1.3	1.3	1.3	1.0	.7	1.7
2	1.0	.7	.9	1.0	1.2	1.2	1.9	1.0	1.4	1.2	.6	.9	.7	.8	.6	.4	.3	.5	1.4	1.5	.6	.8	.5	.5	.9	1.9
3	.8	1.6	1.4	1.5	.9	1.0	1.4	1.2	1.1	.6	.9	.6	.7	.6	.5	.2	1	.1	.3	.2	.0	.1	.0	.0	.7	1.6
4	.0	.0	.0	.3	.4	.3	.4	.3	.1	.2	.3	.4	.6	.6	.5	.3	.2	.6	2.0	2.0	1.2	1.3	1.4	1.4	.6	2.0
5	1.3	1.0	1.3	.6	.7	.7	.5	.2	.2	.2	.2	.2	.3	.4	.3	.1	.1	.0	.0	.1	.0	.1	.3	.2	.4	1.3
6	.1	.2	.4	.6	1.0	1.1	.6	1.1	.5	1.0	[PF]	1.8	1.4	.4	.3	.2	.2	.4	.4	.4	.5	1.7	1.7	1.6	.8	1.8
7	.5	1.0	.5	.5	.7	.8	1.5	1.6	1.4	1.1	.5	.6	.5	.5	.4	.2	.2	.6	2.0	2.2	1.1	.4	.5	.2	.8	2.2
8	.3	.3	.4	.4	.2	.1	.1	.0	.1	.1	.2	.2	.4	.4	.4	.2	.3	.4	1.2	2.1	1.8	2.3	2.2	1.8	.7	2.3
9	2.0	1.0	1.6	1.5	1.6	1.7	1.3	1.8	1.3	1.3	.6	.5	.4	.4	.5	.3	.2	.4	.3	.2	.2	.3	.5	.6	.9	2.0
10	.5	.4	.6	.4	.5	.3	.2	.6	.8	.6	.4	.3	.3	.3	.2	.1	.3	.3	.6	1.1	1.5	1.5	1.4	.6	.6	1.5
11	.8	.7	.9	1.2	2.1	1.4	1.2	1.8	1.5	.8	.5	.6	.3	.4	.4	.2	.2	.4	1.2	1.7	1.1	.6	.7	.5	.9	2.1
12	.6	.4	.4	.5	.3	.6	.9	1.1	.8	.8	.3	.2	.3	.3	.3	.4	.4	.6	.2	.2	.2	.3	1.1	.9	.5	1.1
13	.1	.0	.0	.2	.4	.9	.7	.7	.7	.6	.3	.3	.6	.3	.4	.2	.1	.9	1.1	.9	.5	1.0	.9	1.1	.5	1.1
14	.9	.6	1.2	2.2	2.5	2.4	1.3	1.2	1.8	1.2	.4	.6	.5	.4	.4	.2	.2	.3	.9	1.4	1.5	1.2	1.7	1.2	1.1	2.5
15	1.0	1.3	1.4	1.3	1.1	.9	1.3	1.4	.9	.6	.5	.4	.3	.3	.4	.2	.3	.3	.3	.3	.3	.9	.8	.8	.7	1.4
16	1.1	1.4	1.5	1.0	1.3	1.5	1.4	1.4	1.7	.6	.6	.4	.3	.4	.5	.3	.3	.3	.2	.4	1.6	1.7	1.8	2.1	1.0	2.1
17	1.9	1.9	1.6	1.3	1.1	1.7	1.8	1.7	1.6	.7	.5	.3	.1	.3	.2	.1	.1	.3	1.2	2.2	1.5	2.3	1.9	1.5	1.2	2.3
18	.9	1.4	.8	1.4	1.4	1.3	1.2	1.6	1.2	.4	.3	.5	.2	.2	.2	.1	.1	.2	.2	.6	1.3	1.7	2.1	1.0	.8	2.1
19	.8	.3	.6	.6	1.4	.9	.9	1.9	2.0	1.1	.4	.5	.2	.3	.2	.1	.1	.4	1.2	.6	.8	1.0	.6	.9	.7	2.0
20	1.2	.8	.8	.5	.9	1.7	1.2	.9	1.4	.6	.5	.4	.3	.3	.2	.2	1	.2	1.4	1.5	1.7	1.4	1.7	1.6	.9	1.8
21	1.2	1.2	1.3	1.5	1.4	1.3	1.8	2.2	1.6	.3	.6	.4	.2	.5	.2	.2	.1	.2	1.5	2.0	2.1	1.5	1.4	1.4	1.1	2.2
22	2.1	2.1	1.4	1.9	1.6	2.0	1.7	1.5	1.4	.8	.4	.5	.4	.4	.3	.2	.2	.3	.3	.7	1.7	2.3	1.6	1.3	1.1	2.3
23	.7	1.6	1.7	2.0	1.4	1.3	1.8	1.4	1.3	.4	.2	.3	.2	.2	.1	.0	.1	.1	.0	.0	.1	.1	.1	.4	.6	2.0
24	.4	.2	.3	.2	1	1	.1	.2	.1	.0	.0	.2	.2	.3	.2	.2	.1	.3	1.2	1.5	.9	1.0	2.0	2.4	.5	2.4
25	1.3	1.6	.8	1.1	.8	.5	.6	.8	.6	.5	.3	.2	.2	.1	.2	.1	.1	.3	1.5	1.5	1.4	1.0	1.0	1.6	.8	1.6
26	1.2	1.3	.8	.7	.6	.6	1.2	1.7	1.3	.6	.2	.1	.2	.2	.1	.1	.0	.2	.2	.3	.3	.4	.6	.8	.6	1.7
27	1.1	1.4	1.3	1.1	1.5	1.7	1.5	1.7	1.2	.3	.3	.3	.3	.3	.2	.1	.0	.1	.2	.3	1.0	1.4	.8	.7	.8	1.7
28	.7	1.0	.8	1.0	1.0	1.1	1.0	1.1	1.0	.5	.3	.2	.2	.3	.3	.2	.1	.1	.7	.8	.9	1.1	1.6	1.6	.7	1.6
29	1.0	1.1	1.6	2.1	1.2	1.5	1.6	1.7	2.0	.4	.4	.3	.1	.2	.1	.1	.1	.2	.6	1.7	1.8	2.3	1.6	.9	1.0	2.3
30	1.4	1.6	1.1	1.2	1.5	1.1	1.0	1.2	1.2	.7	.2	.2	.1	.3	.1	.1	.2	.5	.9	.6	.0	.0	.0	.3	.6	1.6
31	.8	.9	1.6	1.6	1.0	.8	.4	.7	.8	.3	.2	.2	.1	.1	.1	.2	.0	.2	.5	1.2	1.4	1.1	1.0	1.0	.7	1.6
AV	.9	.9	.9	1.0	1.0	1.1	1.1	1.2	1.1	.6	.4	.4	.4	.3	.3	.2	.2	.3	.8	1.0	1.0	1.1	1.1	1.0	.8	[1
SD	.5	.6	.5	.6	.6	.5	.5	.5	.5	.3	.2	.3	.3	.1	.1	.1	.1	.2	.6	.7	.6	.7	.6	.6	.2	[1

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	11	11	11	11	11	11	11	11	11	12	13	13	13	13	13	13	8	9	9	11	11	11	11	11	11	13
2	11	11	11	11	11	11	11	11	12	12	13	13	13	13	14	14	10	6	9	10	11	11	11	11	11	14
3	11	11	12	12	12	11	11	12	12	13	13	13	13	13	13	13	8	8	8	8	10	11	11	11	11	13
4	11	11	11	12	11	12	10	11	11	13	13	13	13	13	8	8	8	7	7	9	10	10	11	11	11	13
5	11	11	11	11	11	10	9	10	10	12	15	15	15	15	13	8	6	7	7	7	11	11	11	11	11	15
6	11	11	11	10	10	10	9	9	9	12	15	15	15	9	8	6	6	5	7	7	9	9	9	9	10	15
7	9	9	9	9	9	9	9	8	8	11	13	13	11	11	9	8	8	13	8	9	9	9	10	11	10	13
8	11	9	9	9	9	11	11	11	11	11	13	13	13	13	13	12	12	11	12	11	11	11	11	11	11	13
9	11	11	11	11	11	11	11	11	11	10	8	8	9	9	9	9	9	6	5	5	5	5	5	5	9	11
10	5	5	5	5	5	5	5	5	6	6	7	7	7	7	7	7	8	8	7	7	7	7	9	8	6	9
11	8	8	8	8	8	8	8	8	9	11	10	9	8	8	9	9	8	8	8	6	6	6	6	6	8	11
12	5	5	5	5	5	5	5	7	8	11	11	11	11	11	11	11	9	6	6	5	5	5	5	5	7	11
13	5	5	5	5	5	5	5	5	6	10	11	11	11	12	12	10	6	8	8	8	8	8	8	8	8	12
14	8	6	5	5	5	5	5	5	7	11	11	11	11	10	12	7	6	11	11	11	11	11	11	11	9	12
15	11	11	11	11	11	11	11	11	11	12	13	12	11	10	11	10	6	6	7	5	11	11	11	11	10	13
16	11	11	11	11	11	11	11	11	11	12	12	10	10	10	10	11	9	6	5	5	11	11	11	11	10	12
17	11	11	11	11	11	11	11	11	11	12	10	10	10	10	9	6	4	5	5	6	11	11	11	11	10	12
18	11	11	11	11	11	11	11	11	11	10	9	8	8	7	7	7	6	6	6	5	5	12	12	12	9	12
19	12	9	9	11	11	9	11	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	5	5	5	5	5	5	5	5	6	7	12
20	6	6	6	6	6	6	6	6	6	8	12	12	12	12	11	9	8	6	8	11	11	11	11	11	9	12
21	11	11	9	9	10	8	7	5	5	5	8	12	11	13	13	13	13	12	11	11	11	11	11	8	10	13
22	6	6	6	5	5	5	5	5	7	11	12	12	12	12	14	13	8	6	8	4	3	5	4	4	7	14
23	4	6	5	5	3	3	3	5	5	9	9	11	12	12	12	8	5	5	3	3	4	5	3	4	6	12
24	4	4	5	5	7	6	7	8	7	7	12	12	12	12	12	10	10	10	7	12	6	9	12	12	9	12
25	12	11	10	5	10	6	5	7	8	8	8	8	8	8	8	8	5	6	7	4	4	7	5	4	7	12
26	4	3	5	5	4	4	5	6	5	9	8	9	8	7	7	7	6	6	6	2	7	7	5	9	6	9
27	9	7	8	6	5	8	8	8	10	13	11	12	7	8	8	9	11	9	6	9	6	6	4	8	8	13
28	9	4	10	10	6	8	8	8	8	5	7	6	8	8	8	8	8	7	7	8	7	7	8	9	8	10
29	11	13	10	11	12	11	8	7	8	6	6	6	5	5	5	7	7	6	7	6	5	7	5	11	8	13
30	12	8	10	8	6	6	9	11	4	6	12	12	11	8	7	5	4	6	7	6	9	8	5	6	8	12
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	9	9	9	8	8	8	8	8	9	10	11	11	11	10	10	9	8	7	7	7	8	9	8	9	9	[ ]
SD	3	3	2	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	2	3	3	2	[ ]

SIGMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

DECEMBER,1975

AEROVIRONMENT INC.

```
**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 11 APR 76   *
*                    *
**********************
*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
**********************
```

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4	7	9	9	6	8	4	4	6	7	11	12	11	8	4	4	7	10	5	5	8	6	8	10	7	12
2	9	6	6	4	9	7	10	9	7	11	12	12	8	8	8	5	3	2	8	8	3	2	2	2	7	12
3	2	2	3	9	9	3	3	3	3	7	12	15	15	10	11	6	2	3	4	3	3	2	2	2	6	15
4	2	2	2	3	5	4	3	5	8	9	12	16	15	12	12	8	4	4	5	4	6	5	6	6	7	16
5	7	8	8	8	8	8	8	8	8	8	10	7	6	8	9	4	4	8	8	9	8	8	5	7	8	10
6	8	8	8	8	5	6	7	6	7	8	9	10	10	10	8	6	2	2	4	3	3	5	6	6	6	10
7	7	8	9	6	3	4	3	4	5	10	8	8	9	9	8	7	6	6	4	5	7	5	5	8	6	10
8	8	7	8	7	5	5	6	8	8	8	8	8	11	11	9	7	4	5	6	3	5	6	9	9	7	11
9	8	8	7	9	8	8	10	10	11	12	13	13	13	13	13	13	12	10	16	9	8	8	8	7	10	16
10	6	4	6	6	5	5	6	5	7	8	9	11	12	12	14	12	11	11	11	9	12	7	9	10	9	14
11	10	10	11	8	4	7	9	10	9	9	16	11	11	10	8	11	7	8	11	12	12	10	10	11	10	16
12	7	6	7	8	8	9	6	4	7	6	8	10	9	8	8	8	8	8	8	7	7	6	6	5	7	10
13	4	8	5	8	9	7	5	6	6	8	10	10	9	8	6	6	6	8	7	6	6	6	5	5	7	10
14	5	5	5	5	6	8	6	6	5	6	10	9	9	9	9	8	9	4	3	3	3	3	6	5	6	10
15	6	7	7	7	3	3	4	5	3	4	12	11	12	13	13	13	4	5	11	4	4	5	8	4	7	13
16	4	7	7	6	7	6	6	9	10	10	11	11	11	11	10	11	9	4	6	7	7	6	7	9	8	11
17	9	7	9	10	9	9	7	7	7	5	7	9	8	5	4	4	3	6	12	7	4	7	4	3	7	12
18	2	4	4	3	4	2	3	4	7	6	8	9	7	10	11	8	4	5	5	5	6	9	4	3	6	11
19	2	2	3	4	2	4	3	3	4	7	10	8	11	7	5	4	3	4	5	3	4	5	3	3	5	11
20	4	5	6	4	4	5	5	5	4	9	9	10	10	9	5	5	6	6	4	4	5	4	5	4	6	10
21	4	5	6	6	5	4	6	7	7	7	9	10	10	11	13	9	5	6	3	3	4	4	5	5	6	13
22	3	3	3	3	3	7	4	3	4	7	7	7	9	11	10	7	4	5	3	2	4	6	4	2	5	11
23	4	5	5	6	8	2	6	6	7	9	11	10	14	7	6	8	5	5	6	6	7	4	5	4	7	14
24	2	3	7	4	6	5	6	7	5	6	7	8	8	11	6	4	4	5	4	6	6	7	9	6	6	11
25	4	5	4	6	6	5	8	7	9	9	11	8	6	8	9	9	7	3	4	11	12	8	5	6	7	12
26	7	9	9	9	9	7	11	6	7	9	10	8	9	6	5	4	5	5	10	8	9	5	7	5	7	11
27	7	6	6	8	9	9	10	10	9	10	8	10	10	10	12	12	9	11	10	11	10	8	6	9	9	12
28	7	5	3	4	5	4	6	4	5	9	10	9	8	10	11	9	8	4	2	3	4	4	2	3	6	11
29	3	5	7	7	5	5	4	5	4	7	7	7	7	6	6	7	3	3	10	3	4	3	5	7	5	10
30	5	4	4	5	5	6	6	6	8	13	12	11	9	9	6	5	9	7	7	8	6	5	6	8	7	13
31	8	8	7	8	4	3	4	4	4	5	7	7	6	7	7	6	11	9	7	9	9	9	9	11	7	11
AV	5	6	6	6	6	6	6	6	6	8	10	10	10	9	9	7	6	6	7	6	6	6	6	6	7	[ ]
SD	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	3	3	3	2	2	3	1	[ ]

GMA THETA
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	8	9	9	9	5	5	4	7	8	6	7	8	10	9	4	2	4	3	2	4	4	3	6	10
2	3	5	5	5	5	6	6	4	6	5	9	8	8	10	8	4	3	2	6	4	4	4	6	6	6	10
3	5	4	4	3	3	3	4	3	5	5	8	9	9	10	9	5	4	4	4	4	7	6	5	7	5	10
4	4	4	4	3	4	4	5	7	6	7	8	8	10	9	9	9	6	6	4	4	4	4	4	3	6	10
5	3	3	4	4	5	6	6	6	7	10	10	11	15	13	10	7	7	6	9	8	4	4	5	6	7	15
6	6	5	5	6	6	7	6	7	7	10	9	8	7	5	4	4	5	6	8	7	7	4	5	6	6	10
7	5	6	6	7	8	8	8	6	9	6	7	8	8	8	9	8	8	6	7	5	4	4	6	7	7	9
8	9	9	8	6	4	6	6	7	6	8	9	10	10	12	11	7	4	4	6	4	3	4	4	5	7	12
9	5	7	9	6	6	5	8	5	3	9	9	5	10	10	10	7	8	6	9	9	11	7	9	6	8	11
10	7	7	8	9	9	10	10	9	8	7	8	8	9	10	9	7	5	5	5	9	5	4	4	6	7	10
11	5	4	5	7	5	3	5	6	6	6	9	8	9	9	9	9	7	5	5	7	9	8	6	6	7	9
12	6	6	6	7	9	5	6	7	8	9	9	9	9	10	10	10	10	7	10	7	5	6	6	9	8	10
13	6	5	5	8	8	8	6	5	3	8	9	7	9	9	9	10	8	5	4	6	6	4	5	4	7	10
14	4	9	7	5	4	3	5	7	7	7	9	10	11	9	9	8	6	6	6	5	9	7	4	4	7	11
15	9	6	5	5	6	6	6	4	5	6	7	8	9	10	10	10	10	10	10	9	9	8	8	7	7	10
16	8	6	4	5	7	7	8	8	9	9	10	10	8	9	10	9	4	3	3	4	3	3	3	4	6	10
17	6	5	4	4	5	5	5	5	4	7	9	9	10	6	6	6	3	3	4	3	2	3	3	2	5	10
18	3	3	4	5	3	5	6	5	7	8	8	9	9	9	8	8	5	7	9	10	8	9	7	9	7	10
19	9	8	8	10	7	9	10	5	4	7	10	10	6	7	7	6	4	2	3	3	4	3	3	3	6	10
20	3	4	5	7	8	5	4	4	4	4	5	5	6	6	6	6	4	2	9	4	3	4	3	3	5	9
21	3	3	3	4	3	5	4	3	3	5	7	8	8	9	9	5	4	2	3	3	3	3	3	4	5	9
22	4	3	2	3	4	5	4	4	4	7	9	11	10	10	10	7	4	3	6	7	6	4	3	4	6	11
23	4	4	4	4	4	4	7	6	6	7	8	9	7	8	10	6	5	6	6	6	7	6	8	9	6	10
24	7	8	9	6	5	6	5	5	6	9	10	9	10	11	9	7	7	9	14	7	6	7	5	4	8	14
25	4	4	4	5	6	8	9	10	9	8	6	7	9	9	8	6	7	8	8	8	6	4	4	4	7	10
26	4	4	7	9	6	7	8	9	7	6	7	10	11	11	9	7	6	5	4	7	6	8	9	6	7	11
27	6	6	6	7	7	6	5	4	4	10	9	9	9	10	11	10	5	5	3	5	5	4	5	5	7	11
28	4	5	5	7	7	6	6	5	6	9	9	8	12	9	8	7	5	3	4	5	5	6	6	3	6	12
29	4	7	6	3	5	3	4	5	5	5	7	9	7	7	6	6	5	3	5	4	4	3	3	4	5	9
30	5	4	3	4	4	6	7	5	7	7	8	9	11	12	11	8	3	5	7	6	5	7	9	8	7	12
31	9	8	6	4	4	3	4	5	8	8	7	9	8	9	8	9	7	5	6	6	8	4	3	4	6	9
AV	5	6	5	6	6	6	6	6	6	7	8	9	9	9	9	7	6	5	6	6	5	5	5	5	6	1
SD	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	3	2	2	2	2	2	1	1

SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	38	34	.22	.24	.22	.22	.24	.24	.28	.38	.46	.56	.58	.56	.52	.46	.34	.20	.20	.28	.42	.30	.34	.26	.34	.58
2	32	.34	.32	.26	.24	.28	.28	.20	.28	.42	.52	.54	.56	.54	.50	.46	.28	.18	.20	.26	.28	.44	.36	.32	.34	.56
3	30	30	.34	.26	.26	.28	.30	.30	.28	.38	.46	.48	.58	.56	.48	.44	.30	.24	.20	.20	.32	.32	.30	.30	.34	.58
4	.24	.28	.28	.24	.28	.28	.24	.24	.22	.34	.40	.42	.54	.56	.54	.46	.24	.16	.20	.24	.28	.32	.30	.30	.32	.56
5	26	24	28	.26	.28	.32	.22	.20	22	.38	.50	.54	[MT]	.56	.54	.42	.28	.20	.20	.24	.20	.22	.24	.26	.30	.56
6	.28	.22	.24	.22	.22	.22	.22	.22	.26	.34	.40	.52	.52	.46	.56	.52	.28	.20	.36	.26	.20	.18	.24	.22	.30	.56
7	.26	42	36	.28	.30	.28	.24	.24	.20	.30	.42	.50	.54	.50	.48	.50	.54	.52	.64	.56	46	.52	.40	.30	.40	.64
8	.20	.20	.26	.26	.28	.30	.46	.48	.46	.42	.44	.50	.52	.50	.48	.36	.32	.34	.34	.38	.36	.30	.38	.24	.36	.52
9	26	28	32	.50	.60	.44	.26	34	.30	.46	.58	.64	.64	.66	.62	.50	.36	.20	.24	.32	.28	.24	.24	.24	.40	.66
10	24	.30	24	20	.20	.20	.18	.20	.24	.28	.30	.40	.46	42	.34	.34	.28	.36	.50	.76	.52	.42	48	.42	.34	.76
11	34	54	.60	.64	.66	.70	.72	.64	.46	.54	.56	.60	.66	.68	.60	.64	.52	.56	.46	.30	.22	.22	.20	.28	.52	.72
12	34	.32	.30	.30	.34	.34	.24	.28	.42	.46	.54	.50	.60	.56	.60	.46	.28	.20	.20	.18	.20	.26	.38	.32	.36	.68
13	24	.28	26	28	.24	.26	.26	.24	.22	.40	.50	.56	.58	.58	.56	.42	.24	.18	.20	.22	.30	.30	.24	.24	.32	.58
14	28	20	20	24	.24	.26	.24	22	.20	.38	.48	.60	.60	.60	.50	.32	.22	.18	.18	.26	.24	.20	.22	.20	.30	.60
15	22	22	.26	24	.22	.22	.24	.18	.28	.28	.46	.58	.60	.54	.50	.40	.28	.20	.20	.20	.24	.30	.28	.28	.32	.60
16	.28	.22	.22	.22	.20	.24	.22	.20	.20	.36	.48	.48	.50	.56	.46	.38	.22	.18	.24	.24	.26	.22	.22	.24	.30	.56
17	.22	.22	.20	.20	.22	.20	.18	.22	24	38	.32	.50	.54	.46	.44	.24	.16	.18	.20	.20	.22	.22	.22	.24	.26	.54
18	24	.22	.26	.30	.28	.22	.26	.24	.24	.32	.44	.52	.50	.44	.40	.36	.28	.26	.34	.46	.64	.72	.66	.60	.38	.72
19	.46	.26	.24	.38	.36	.28	.34	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.62	.62	.62	.70	.72	.64	.58	.46	.40	.48	.72
20	30	.26	.30	.34	.22	.34	.42	.44	.44	.48	.52	.52	.50	.48	.46	.40	.22	.24	.24	.20	.24	.24	.20	.28	.34	.52
21	26	.20	.26	.26	.24	.22	.18	.16	.24	.34	.50	.54	.50	.50	.50	.44	.28	.20	.24	.28	.30	.36	.46	.40	.32	.54
22	.40	.34	32	.26	.26	.32	.28	.26	.32	.42	.52	.52	.60	.60	.50	.44	.28	.20	.24	.22	.22	.28	.22	.24	.34	.60
23	.22	.20	.28	.22	.22	.24	.24	.24	.24	.34	.34	.46	.48	.42	.46	.28	.18	.18	.20	.24	.24	.26	.24	.34	.28	.48
24	.34	32	.30	.38	.38	.34	.42	.40	30	.28	.34	.36	.36	.46	.30	.20	.16	.22	.24	.28	.28	.24	.34	.34	.32	.46
25	36	.34	.64	.54	.52	.76	.48	.68	.72	.62	.62	.70	.54	.66	.64	.54	.46	.44	.30	.38	.50	.50	.38	.36	.52	.76
26	.34	.32	.34	.38	.30	.26	.22	.28	.20	.22	.24	.42	.68	.70	.68	.70	.36	.24	.20	.18	.18	.16	.18	.20	.34	.70
27	.18	13	20	.16	.16	.16	.16	.16	.16	.16	.26	.36	.42	.38	.28	.26	.16	.16	.16	.16	.18	.20	.18	.16	.20	.42
28	.16	.16	.16	.16	.16	.16	.16	.16	.18	.26	.46	.38	.42	.80	.82	.84	.86	.80	.82	.82	.84	.78	.82	.72	.50	.86
29	.68	.60	.28	.24	.40	.30	.24	.24	.18	.44	.56	.76	.80	.80	.78	.84	.86	.84	.88	.84	.84	.78	.82	.72	.62	.88
30	.54	.52	.40	.44	.52	.42	.46	.34	.22	.18	.30	.52	.64	.70	.60	.42	.34	.54	.60	.46	.46	.32	.28	.28	.44	.70
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.30	.30	.30	.30	.30	.30	.28	.28	.28	.36	.44	.52	.56	.56	.52	.46	.34	.30	.34	.34	.36	.34	.34	.32	.36	[ ]
SD	.11	11	.10	.11	.12	.13	.12	.13	.12	.10	.10	.09	.09	.11	.12	.15	.17	.19	.20	.20	.18	.17	.17	.13	.09	[ ]

SIGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.28	.32	.32	.38	.40	.30	.28	.28	.24	.20	.30	.40	.56	.40	.34	.28	.22	.18	.18	.18	.22	.22	.20	.22	.28	.56
2	.26	.24	.22	.22	.22	.28	.22	.18	.16	.30	.32	.34	.36	.38	.38	.30	.22	.18	.18	.18	.20	.20	.20	.20	.24	.38
3	.22	.22	.22	.22	.18	.20	.22	.18	.20	.24	.30	.42	.46	.46	.40	.28	.18	.16	.18	.22	.18	.20	.20	.22	.24	.46
4	.20	.20	.22	.22	.24	.20	.20	.20	.18	.24	.34	.44	.46	.44	.44	.34	.24	.22	.20	.18	.22	.18	.16	.18	.26	.46
5	.18	.20	.20	.18	.20	.18	.18	.18	.18	.20	.34	.34	.38	.36	.38	.28	.18	.16	.18	.22	.18	.18	.18	.18	.22	.38
6	.22	.28	.28	.30	.18	.18	.20	.18	.18	.26	.38	.34	.44	.46	.44	.28	.20	.18	.18	.18	.20	.22	.20	.20	.26	.46
7	.18	.20	.30	.20	.22	.22	.20	.20	.20	.20	.28	.32	.36	.30	.32	.24	.20	.18	.20	.24	.20	.20	.22	.20	.24	.36
8	.22	.24	.20	.20	.20	.18	.20	.20	.24	.24	.28	.28	.40	.42	.34	.26	.18	.18	.20	.18	.22	.24	.24	.22	.24	.42
9	.20	.18	.20	.16	.16	.18	.26	.24	.30	.32	.32	.34	.38	.34	.32	.30	.28	.24	.28	.28	.28	.24	.26	.26	.26	.38
10	.24	.18	.20	.20	.20	.20	.22	.20	.22	.26	.26	.26	.26	.26	.26	.24	.20	.22	.20	.18	.20	.20	.22	.22	.22	.26
11	.20	.20	.20	.20	.18	.16	.18	.18	.18	.20	.22	.26	.28	.28	.24	.22	.20	.20	.22	.22	.20	.18	.18	.18	.20	.28
12	.18	.18	.18	.18	.16	.16	.16	.16	.16	.16	.18	.48	.74	.76	.74	.76	.66	.64	.66	.64	.56	.44	.34	.22	.40	.76
13	.24	.26	.22	.28	.28	.24	.22	.28	.24	.32	.68	.74	.70	.60	.68	.78	.52	.26	.46	.40	.42	.44	.30	.34	.42	.78
14	.36	.32	.34	.34	.46	.58	.46	.46	.52	.66	.70	.52	.46	.34	.30	.22	.16	.20	.18	.30	.28	.28	.26	.40	.36	.70
15	.40	.38	.32	.20	.22	.26	.20	.18	.18	.18	.22	.26	.28	.34	.24	.22	.16	.16	.20	.20	.20	.24	.20	.20	.24	.40
16	.22	.22	.22	.20	.22	.20	.20	.22	.18	.20	.26	.28	.26	.26	.22	.16	.16	.20	.20	.20	.20	.22	.22	.20	.22	.28
17	.22	.22	.26	.28	.24	.22	.20	.20	.18	.18	.18	.18	.22	.30	.28	.20	.16	.16	.16	.16	.18	.18	.16	.16	.20	.30
18	.16	.16	.16	.16	.16	.16	.16	.16	.16	.16	.18	.20	.22	.26	.26	.18	.16	.16	.22	.20	.18	.18	.18	.18	.18	.26
19	.20	.20	.20	.18	.20	.16	.16	.16	.16	.16	.24	.24	.26	.26	.24	.24	.18	.16	.18	.18	.16	.16	.16	.16	.20	.26
20	.16	.16	.16	.16	.16	.16	.16	.16	.16	.16	.16	.20	.26	.32	.30	.22	.20	.18	.16	.16	.16	.16	.16	.16	.18	.32
21	.16	.14	.16	.16	.16	.16	.16	.16	.16	.16	.16	.22	.22	.30	.28	.20	.20	.18	.20	.20	.22	.20	.18	.20	.18	.30
22	.20	.20	.18	.16	.16	.16	.16	.16	.16	.18	.20	.28	.34	.32	.32	.22	.16	.16	.16	.18	.18	.20	.18	.20	.20	.34
23	.18	.16	.16	.16	.16	.16	.16	.16	.16	.16	.22	.22	.20	.24	.28	.22	.16	.18	.22	.18	.18	.16	.16	.16	.18	.28
24	.16	.16	.16	.16	.16	.16	.16	.16	.16	.16	.16	.16	.22	.28	.28	.30	.30	.22	.22	.22	.18	.18	.20	.20	.20	.30
25	.18	.16	.18	.20	.18	.20	.18	.20	.18	.20	.24	.32	.32	.30	.28	.22	.18	.20	.26	.24	.22	.22	.22	.20	.22	.32
26	.18	.16	.16	.16	.16	.16	.18	.16	.18	.18	.24	.24	.24	.26	.24	.22	.18	.18	.16	.18	.18	.40	.28	.26	.20	.40
27	.26	.20	.20	.18	.18	.18	.22	.18	.22	.22	.28	.20	.42	.30	.44	.44	.36	.34	.40	.42	.34	.34	.38	.30	.30	.44
28	.28	.28	.22	.24	.28	.24	.26	.26	.24	.24	.26	.26	.28	.34	.28	.24	.18	.16	.20	.30	.26	.18	.24	.22	.24	.34
29	.22	.32	.26	.22	.22	.18	.18	.22	.18	.18	.24	.32	.34	.36	.38	.38	.22	.16	.16	.18	.16	.18	.18	.18	.24	.38
30	.18	.20	.18	.20	.20	.20	.22	.28	.20	.20	.22	.28	.36	.40	.42	.36	.24	.46	.54	.26	.22	.22	.36	.40	.28	.54
31	.54	.38	.32	.24	.18	.20	.28	.26	.22	.26	.34	.46	.48	.46	.46	.36	.22	.34	.32	.50	.58	.64	.52	.44	.38	.64
AV	.22	.22	.22	.22	.22	.20	.20	.20	.20	.22	.28	.32	.36	.36	.34	.30	.22	.22	.24	.24	.24	.24	.24	.22	.24	[ ]
SD	.08	.06	.05	.05	.07	.08	.06	.06	.07	.09	.12	.12	.13	.11	.12	.14	.11	.10	.12	.11	.10	.10	.08	.07	.06	[ ]

IGMA W
(METERS/SECOND)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.34	.46	.52	.42	.48	.32	.32	.28	.22	.18	.18	.18	.32	.40	.22	.20	.18	.18	.18	.22	.26	.30	.28	.26	.28	.52
2	.34	.32	.36	.34	.32	.32	.24	.22	.24	.18	.22	.26	.30	.32	.28	.28	.26	.20	.22	.20	.20	.24	.26	.18	.26	.36
3	.18	.18	.22	.22	.22	.22	.24	.22	.18	.22	.22	.32	.30	.38	.32	.22	.22	.18	.18	.16	.20	.14	.20	.18	.22	.38
4	.20	.18	.16	.16	.16	.18	.18	.19	.18	.22	.28	.34	.34	.34	.34	.22	.16	.16	.18	.20	.22	.18	.22	.22	.22	.34
5	.22	.18	.20	.18	.18	.22	.20	.18	.20	.22	.24	.32	.32	.34	.26	.24	.20	.16	.18	.16	.32	.22	.22	.22	.22	.34
6	.22	.22	.16	.16	.18	.20	.28	.28	.24	.28	[PF]	.22	.28	.38	.32	.28	.24	.18	.18	.18	.18	.18	.22	.28	.24	.38
7	.46	.42	.40	.44	.46	.52	.44	.28	.22	.18	.20	.22	.24	.20	.42	.20	.16	.18	.18	.18	.16	.18	.16	.16	.28	.52
8	.18	.26	.16	.16	.18	.18	.18	.18	.22	.24	.26	.30	.30	.34	.30	.22	.18	.18	.16	.18	.18	.18	.18	.18	.22	.34
9	.18	.16	.16	.16	.16	.16	.16	.16	.16	.22	.18	.24	.28	.28	.28	.24	.18	.18	.18	.18	.18	.20	.28	.38	.20	.38
10	.34	.34	.18	.16	.18	.20	.18	.18	.18	.18	.20	.26	.28	.34	.38	.30	.24	.26	.24	.18	.18	.20	.26	.36	.24	.38
11	.32	.34	.30	.22	.22	.26	.30	.28	.22	.18	.22	.22	.36	.34	.34	.24	.18	.18	.16	.16	.16	.16	.16	.16	.24	.36
12	.16	.18	.16	.16	.18	.18	.18	.18	.18	.18	.20	.22	.30	.30	.28	.18	.34	.30	.50	.50	.58	.34	.26	.34	.26	.58
13	.74	.84	.78	.52	.46	.44	.40	.46	.44	.42	.38	.28	.26	.32	.34	.24	.16	.18	.26	.28	.32	.22	.36	.28	.40	.84
14	.32	.20	.16	.18	.18	.22	.28	.34	.32	.24	.28	.26	.32	.36	.32	.30	.18	.18	.16	.18	.18	.20	.20	.16	.24	.36
15	.18	.18	.18	.22	.22	.20	.18	.18	.18	.24	.24	.28	.38	.34	.34	.24	.16	.16	.18	.22	.20	.18	.20	.20	.22	.38
16	.18	.16	.18	.18	.18	.22	.22	.18	.18	.18	.26	.28	.32	.36	.28	.22	.18	.20	.20	.16	.18	.20	.18	.18	.22	.36
17	.18	.16	.18	.18	.18	.18	.16	.16	.18	.20	.20	.26	.36	.34	.32	.24	.18	.16	.18	.16	.16	.18	.16	.20	.20	.36
18	.20	.18	.16	.18	.18	.18	.16	.18	.18	.20	.24	.24	.34	.34	.30	.20	.30	.24	.18	.20	.20	.26	.30	.42	.24	.42
19	.50	.58	.52	.40	.22	.22	.18	.19	.20	.18	.18	.24	.28	.40	.46	.40	.24	.18	.18	.28	.34	.26	.22	.22	.30	.58
20	.24	.24	.30	.36	.32	.20	.22	.18	.18	.22	.24	.28	.32	.36	.38	.34	.22	.16	.16	.20	.20	.20	.20	.22	.24	.38
21	.24	.22	.24	.28	.22	.20	.22	.18	.22	.22	.28	.28	.36	.38	.38	.34	.20	.18	.18	.20	.20	.24	.20	.20	.24	.38
22	.18	.22	.22	.20	.20	.18	.18	.18	.16	.18	.26	.30	.30	.34	.42	.40	.24	.20	.20	.18	.16	.16	.16	.16	.22	.42
23	.16	.16	.16	.16	.16	.16	.16	.16	.16	.16	.16	.30	.38	.36	.28	.28	.24	.18	.20	.18	.18	.18	.20	.26	.20	.38
24	.24	.18	.18	.18	.20	.18	.16	.18	.18	.24	.34	.40	.40	.44	.40	.32	.20	.22	.24	.20	.28	.20	.20	.22	.24	.44
25	.26	.24	.30	.28	.34	.40	.48	.38	.26	.20	.22	.28	.44	.42	.46	.48	.40	.24	.18	.22	.22	.26	.32	.26	.32	.48
26	.38	.34	.42	.42	.38	.38	.44	.46	.38	.26	.30	.30	.44	.38	.38	.38	.26	.22	.22	.18	.18	.20	.22	.20	.32	.46
27	.22	.18	.22	.22	.20	.18	.18	.20	.18	.20	.24	.34	.40	.40	.38	.28	.32	.28	.18	.16	.16	.18	.20	.20	.24	.40
28	.22	.18	.20	.22	.20	.22	.22	.20	.20	.22	.30	.38	.44	.44	.42	.34	.24	.18	.16	.32	.28	.26	.20	.22	.26	.44
29	.28	.28	.28	.20	.22	.18	.22	.22	.18	.18	.22	.26	.34	.38	.44	.34	.24	.18	.16	.16	.20	.22	.26	.26	.24	.44
30	.28	.18	.20	.22	.22	.20	.22	.18	.20	.20	.28	.40	.34	.34	.38	.36	.26	.18	.34	.24	.82	.72	.62	.42	.32	.82
31	.20	.20	.18	.22	.24	.22	.30	.30	.38	.30	.26	.42	.40	.42	.36	.42	.34	.30	.26	.16	.18	.24	.24	.26	.28	.42
AV	.26	.26	.26	.24	.24	.24	.24	.22	.22	.22	.24	.28	.34	.36	.34	.26	.22	.20	.20	.20	.24	.22	.24	.24	.26	[ ]
SD	.12	.14	.14	.10	.09	.09	.09	.08	.07	.05	.05	.06	.05	.05	.06	.07	.06	.04	.06	.07	.13	.10	.08	.07	.04	[ ]

SOLAR RADIATION
LY./MIN.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

SUBJECT TO REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.10	-.10	-.10	-.10	-.10	-.10	-.05	-.05	-.05	.40	.50	.55	.50	.45	.30	.10	-.05	-.10	-.10	-.10	-.10	-.10	-.10	-.10	.05	.55
2	-.10	-.10	-.10	-.10	-.10	-.05	-.05	-.10	-.05	.35	.50	.55	.50	.40	.25	.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	.05	.55
3	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.25	.45	.50	.50	.40	.25	.10	-.05	-.10	-.10	-.20	-.10	-.10	-.10	-.10	.05	.50
4	-.10	-.15	-.15	-.10	-.10	-.10	-.10	-.10	-.05	.25	.35	.40	.40	.40	.25	.10	-.05	-.15	-.10	-.10	-.10	-.15	-.10	-.10	.00	.40
5	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.05	-.05	.40	.45	.50	.40	.40	.25	.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	.05	.50
6	-.15	-.15	-.15	-.15	-.10	-.10	-.10	-.10	-.05	.30	.45	.50	.45	.35	.25	.05	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	.00	.50
7	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.30	.45	.50	.45	.25	.15	.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.05	.50
8	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.15	.20	.25	.10	.15	.05	.00	-.05	-.10	-.05	-.05	-.05	-.05	-.05	-.10	.00	.25
9	-.05	-.05	-.05	-.05	-.10	-.10	-.10	-.10	.00	.25	.45	.45	.40	.35	.20	.00	-.15	-.15	-.15	-.10	-.10	-.10	-.10	-.10	.00	.45
10	-.10	-.05	-.10	-.10	-.05	-.05	-.10	-.05	.05	.15	.15	.20	.20	.15	.10	.05	-.05	-.05	-.05	-.05	-.05	-.05	-.10	-.05	.00	.20
11	-.10	-.10	-.10	-.10	-.10	-.15	-.15	-.10	-.05	.25	.40	.45	.35	.35	.25	.05	-.10	-.15	-.15	-.15	-.10	-.10	-.10	-.10	.00	.45
12	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.20	.40	.40	.40	.30	.20	.05	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	.00	.40
13	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.20	.40	.40	.40	.30	.20	.00	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	.00	.40
14	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	.00	.20	.40	.40	.40	.30	.15	.00	-.05	-.10	-.10	-.10	-.05	-.05	-.05	-.05	.00	.40
15	-.10	-.10	-.05	-.10	-.10	-.10	-.10	-.10	.00	.15	.40	.45	.40	.35	.25	.05	-.05	-.10	-.10	-.10	-.10	-.10	-.10	-.10	.00	.45
16	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.20	.35	.40	.35	.30	.15	.00	-.10	-.10	-.10	-.10	-.10	-.05	-.05	-.05	.00	.40
17	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.00	.25	.25	.45	.35	.25	.15	.00	-.10	-.10	-.05	-.10	-.10	-.05	-.10	-.10	.00	.45
18	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.15	.30	.35	.25	.20	.05	.00	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.35
19	-.05	-.05	-.05	-.05	-.05	-.05	-.05	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.00	-.05	-.05	-.05	-.10	-.10	-.10	-.10	-.10	-.05	.00
20	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.15	.35	.35	.30	.20	.15	.00	-.05	-.05	-.10	-.10	-.10	-.05	-.10	-.05	.00	.35
21	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.05	.20	.25	.35	.30	.30	.15	.00	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	.00	.35
22	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.15	.35	.35	.35	.25	.15	.00	-.10	-.10	-.10	-.10	-.10	-.05	-.05	-.05	.00	.35
23	-.05	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.00	.15	.20	.30	.20	.20	.15	.00	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	.00	.30
24	-.10	-.10	-.10	-.10	-.10	-.05	-.05	-.05	.00	.10	.15	.15	.25	.25	.05	.00	-.05	-.10	-.10	-.10	-.10	-.05	-.05	-.10	.00	.25
25	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.05	.15	.15	.15	.20	.10	.00	-.05	-.10	-.10	-.10	-.10	-.10	-.10	-.10	.00	.20
26	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.00	.05	.05	.05	.05	.05	.05	.00	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.05
27	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.05	.10	.10	.15	.10	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.15
28	.00	.00	.00	.00	.00	.00	.00	.00	-.05	-.05	.00	.05	.10	.05	.00	-.05	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.10
29	-.10	-.05	-.05	-.05	-.10	-.05	-.05	-.05	.00	.05	.05	.10	.10	.05	.05	.00	-.10	-.10	-.05	-.05	-.10	-.10	-.05	-.05	-.05	.10
30	-.05	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.00	.05	.15	.20	.15	.15	.05	-.05	-.05	-.10	-.10	-.10	-.10	-.05	-.05	-.05	-.05	.20
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.00	.20	.30	.35	.30	.25	.13	.00	-.05	-.10	-.10	-.10	-.10	-.10	-.10	-.10	.00	[ ]
SD	.03	.03	.03	.03	.03	.03	.03	.03	.03	.11	.15	.15	.13	.11	.06	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	[ ]

LAR RADIATION
LY /MIN.)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO *
* REVISION *

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.10	.25	.30	.30	.25	.15	.00	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	.00	.30
2	-.10	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.20	.30	.35	.30	.25	.20	.05	-.10	-.10	-.10	-.10	-.10	-.05	-.05	-.05	.00	.35
3	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.25	.45	.40	.35	.30	.15	.00	-.05	-.10	-.10	-.10	-.10	-.05	-.05	-.05	.05	.45
4	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.05	.25	.50	.40	.35	.25	.20	.05	-.10	-.10	-.10	-.10	-.10	-.05	-.05	-.05	.05	.50
5	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.15	.30	.45	.45	.30	.15	.00	-.05	-.10	-.05	-.05	-.05	-.05	-.05	-.05	.05	.45
6	-.05	-.05	-.05	-.10	-.05	-.05	-.05	-.05	.05	.15	.30	.35	.35	.30	.20	.00	-.05	-.10	-.10	-.10	-.10	-.05	-.10	-.10	.00	.35
7	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.05	.15	.25	.20	.20	.10	.20	.00	-.05	-.10	-.10	-.10	-.05	-.05	-.05	-.05	.00	.25
8	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.05	.15	.20	.30	.35	.20	.10	.00	-.05	-.10	-.05	-.05	-.05	-.05	-.05	-.05	.00	.35
9	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.00	.05	.10	.10	.10	.10	.05	.00	.00	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.10
10	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.00	.05	.05	.10	.05	.05	.05	.00	.00	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.10
11	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.00	.05	.05	.15	.20	.20	.10	.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.20
12	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.00	.05	.10	.10	.10	.05	.05	.00	-.05	-.05	-.05	-.05	-.10	-.10	-.10	-.10	.00	.10
13	-.10	-.05	-.05	-.05	-.05	-.05	-.05	-.10	-.05	.10	.20	.25	.15	.05	.10	.00	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.25
14	.00	.00	-.05	-.05	-.05	-.05	-.05	-.05	.00	.00	.05	.05	.10	.00	-.05	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.05	-.05	-.05	.10
15	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.15	.15	.05	.05	.00	-.10	-.10	-.10	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.15
16	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.10	.15	.10	.00	-.05	-.10	-.10	-.10	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.15
17	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.05	.20	.10	.10	.05	.00	-.10	-.10	-.10	-.05	-.05	-.05	-.05	-.05	-.05	.00	.20
18	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.05	.15	.10	.10	.05	-.05	-.10	-.10	-.10	-.10	-.05	-.05	-.05	-.05	-.05	-.05	.15
19	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.05	.10	.10	.10	.05	.00	-.10	-.10	-.10	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.10
20	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.05	.10	.10	.10	.05	.00	-.10	-.10	-.10	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.10
21	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.00	.10	.10	.05	.05	.00	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.10
22	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.05	.20	.15	.10	.05	.00	-.10	-.10	-.10	-.05	-.05	-.05	-.05	-.05	-.05	.00	.20
23	-.05	-.05	-.05	-.05	-.05	-.05	.00	.00	.00	.05	.05	.05	.05	.05	.05	-.05	-.10	-.10	-.05	-.05	-.05	-.05	-.05	-.05	.00	.05
24	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.05	.05	.20	.15	.05	.00	.00	.00	-.05	.00	-.05	-.05	-.05	-.05	-.05	.00	.20
25	.00	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.00	.20	.20	.10	.05	.00	-.05	-.10	-.10	-.05	-.05	-.05	-.05	-.05	-.05	.00	.20
26	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.05	.10	.10	.05	.05	.05	.00	-.05	.00	-.05	.00	.00	-.05	-.05	-.05	.00	.10
27	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.00	.15	.15	.10	.00	.00	-.05	-.05	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.15
28	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.05	-.10	.05	.15	.15	.15	.10	.00	-.10	-.15	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.15
29	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.00	.10	.15	.10	.10	.05	-.05	-.10	-.10	-.10	-.05	-.05	-.05	-.05	-.05	.00	.15
30	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.05	.15	.15	.15	.10	.00	.00	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.15
31	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.00	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00
AV	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.05	.15	.20	.15	.10	.05	-.05	-.05	-.10	-.05	-.05	-.05	-.05	-.05	-.05	.00	[ ]
SD	.02	.01	.01	.01	.01	.01	.01	.02	.04	.07	.12	.12	.12	.10	.06	.05	.04	.03	.03	.03	.03	.02	.02	.02	.02	[ ]

SOLAR RADIATION
LY PER H

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JANUARY,1976

AEROVIRONMENT INC.

```
*********************
*                   *
*  PRELIMINARY DATA *
*  AS OF 11 APR 76  *
*                   *
*********************
*                   *
*   SUBJECT TO      *
*    REVISION       *
*                   *
*********************
```

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.05	.05	.10	.05	.00	.00	-.05	-.05	-.05	-.10	-.10	-.10	-.10	-.05	-.05	.10
2	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.10	.15	.10	.05	.00	-.10	-.10	-.10	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.15
3	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.10	.15	.10	.05	.00	-.05	-.05	-.05	-.05	-.05	.00	.00	.00	.00	.00	.15
4	.00	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.00	.05	.10	.05	.05	-.05	-.10	-.15	-.10	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.10
5	-.05	-.05	-.05	-.05	-.05	.00	.00	.00	.00	.05	.05	.05	.05	.05	.05	.00	.00	.00	.00	-.05	.00	.00	-.05	-.05	.00	.05
6	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.05	(FF)	.15	.10	.05	.00	.00	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.15
7	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.05	.10	.10	.10	.05	.05	.00	-.10	-.10	-.05	-.05	-.05	-.05	-.05	-.05	.00	.10
8	-.05	-.05	-.05	.00	.00	.00	.00	.00	.00	.05	.05	.05	.05	.05	-.05	-.05	-.10	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.05
9	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.05	.10	.15	.10	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.15
10	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.15	.15	.10	.05	.00	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.05	.15
11	-.05	-.10	-.10	-.10	-.05	-.05	-.05	-.05	-.05	.00	.15	.20	.10	.05	.00	-.05	-.10	-.10	-.05	-.05	-.05	.00	.00	-.05	.00	.20
12	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.00	.05	.05	.10	.05	.00	-.05	-.05	-.05	-.05	-.10	-.10	-.10	-.10	-.10	-.05	.10
13	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	.00	.15	.25	.15	.10	.00	-.10	-.15	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.07	.25
14	-.10	-.10	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.10	.15	.10	.10	.05	-.05	-.05	-.10	-.05	-.05	-.05	-.05	-.05	-.05	.01	.15
15	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.10	.15	.15	.10	.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.15
16	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.05	.20	.20	.15	.10	.05	-.05	-.10	-.10	-.10	-.05	-.05	-.05	-.05	-.05	.00	.20
17	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.05	.35	.25	.15	.10	.05	-.05	-.10	-.10	-.10	-.10	-.05	-.05	-.05	-.05	.00	.35
18	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.05	.15	.20	.20	.10	.05	.05	-.05	-.05	-.10	-.05	-.05	-.05	-.05	.00	.20
19	-.05	-.10	-.10	-.10	-.10	-.10	-.05	-.05	-.05	-.05	.10	.20	.20	.15	.10	.05	.05	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.00	.20
20	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.10	.25	.30	.15	.10	.05	-.05	-.10	-.10	-.10	-.05	-.05	-.05	-.05	.00	.35
21	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.10	.30	.30	.15	.10	.05	-.05	-.10	-.10	-.10	-.05	-.05	-.05	-.05	.00	.35
22	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.10	.25	.25	.15	.10	.05	-.05	-.10	-.10	-.10	-.05	-.05	-.05	-.05	.00	.25
23	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.05	.15	.15	.20	.10	.05	.00	.00	.00	-.05	-.05	-.05	-.05	-.05	.00	.20
24	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.00	.05	.15	.15	.20	.10	.05	-.05	-.10	-.10	-.10	-.10	-.10	-.10	-.10	.00	.20
25	-.10	-.10	-.10	-.10	-.05	-.05	-.05	-.05	-.05	.00	.05	.15	.15	.15	.10	.10	.05	-.05	-.05	-.10	-.10	-.10	-.10	-.05	.00	.15
26	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.10	.30	.25	.25	.10	.10	.05	.00	-.05	-.05	-.05	-.10	-.15	-.10	.00	.30
27	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.10	.25	.25	.25	.10	.05	.05	.00	-.05	-.05	-.05	-.05	-.05	-.05	.00	.25
28	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.05	.20	.25	.20	.15	.10	.00	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.00	.25
29	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.10	.30	.25	.25	.20	.10	.00	-.10	-.10	-.10	-.10	-.10	-.05	-.05	-.05	.30
30	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.00	.10	.30	.35	.30	.25	.15	.05	-.05	-.10	-.10	-.10	-.10	-.10	-.10	.00	.35
31	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.10	-.05	.15	.20	.30	.35	.25	.15	.15	.05	-.10	-.10	-.10	-.10	-.10	-.10	.00	.35
AVE	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	-.05	.03	.10	.20	.15	.10	.05	.05	.05	-.10	-.05	-.05	-.05	-.05	-.05	-.05	.00	[ ]
PEAK	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.09	.08	.07	.06	.05	.05	.05	.03	.03	.02	.02	.03	.03	.02	.02	[ ]

BAROMETRIC PRESSURE
(MM OF MERCURY)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	634	634	634	634	634	635	635	635	636	635	635	634	633	633	632	632	632	632	632	633	633	634	634	635	634	636
2	635	635	635	636	636	636	637	637	637	638	637	637	636	636	635	635	635	635	636	636	637	638	638	639	636	639
3	639	640	640	640	640	641	641	641	642	641	641	640	639	639	638	638	637	637	638	638	639	640	640	640	640	642
4	640	640	641	641	641	641	641	642	642	642	641	640	639	639	638	637	637	637	637	638	638	638	639	639	640	642
5	639	639	639	638	638	639	639	639	639	638	638	637	[MT]	634	633	633	632	632	632	632	632	632	632	632	636	639
6	632	632	632	632	632	632	632	633	633	633	632	631	630	630	629	630	630	630	631	631	631	632	632	632	631	633
7	633	633	633	633	633	633	633	633	633	632	632	631	630	629	628	628	628	628	629	630	630	630	630	630	631	633
8	630	630	630	630	630	630	630	631	631	630	630	629	631	626	627	627	627	627	627	626	626	628	629	629	629	631
9	629	630	630	631	631	632	632	633	634	634	634	633	633	633	632	632	632	632	633	633	633	634	634	634	632	634
10	633	633	633	632	632	632	631	630	630	630	629	628	626	626	625	625	625	625	626	628	629	629	631	632	629	633
11	632	633	634	634	635	635	636	637	638	638	638	638	637	637	637	637	638	638	639	640	641	641	642	642	637	642
12	643	643	644	644	644	644	645	645	646	646	646	645	644	643	643	643	642	643	643	643	644	644	644	644	644	646
13	644	644	644	644	644	645	645	645	645	645	644	643	642	641	640	640	639	639	639	640	640	640	641	641	642	645
14	641	641	641	641	641	641	641	641	642	641	640	640	638	637	637	637	637	637	637	637	637	638	638	638	639	642
15	638	638	638	637	637	637	638	638	639	638	638	637	636	635	634	634	634	634	634	634	634	634	634	635	636	639
16	635	634	634	634	634	634	634	634	634	634	633	632	631	630	629	629	629	629	629	629	629	629	629	629	632	635
17	629	629	629	630	630	630	630	630	630	630	629	628	628	627	627	627	627	627	627	627	627	628	628	628	628	630
18	628	628	628	628	628	628	629	629	629	629	629	629	628	627	627	628	628	629	629	630	630	631	632	632	629	632
19	633	633	634	634	635	635	636	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	639	639	639	639	640	640	640	640	640	637	640
20	640	641	641	641	641	641	641	641	641	641	641	639	638	637	636	636	636	635	635	635	635	635	635	635	638	641
21	635	635	635	635	635	636	636	636	637	637	638	637	637	637	637	637	637	638	638	639	640	640	641	641	637	641
22	642	642	642	642	643	643	643	643	644	643	643	642	641	640	639	638	638	639	639	639	640	640	640	640	641	644
23	640	640	640	640	640	641	641	642	642	642	642	642	641	640	639	640	640	641	642	642	642	643	643	643	641	643
24	643	643	643	643	643	643	642	642	642	642	641	640	639	638	636	635	635	634	634	633	633	632	632	631	638	643
25	631	631	630	632	632	633	634	634	635	636	636	636	636	636	636	636	637	637	638	638	638	639	639	638	635	639
26	638	637	637	637	636	636	635	634	634	633	632	631	630	629	628	627	627	627	627	627	627	627	627	627	631	638
27	627	626	626	626	626	626	626	626	626	626	626	625	625	624	624	624	624	624	624	624	624	624	623	623	625	627
28	622	622	621	620	620	619	618	617	616	616	618	617	616	617	617	617	616	616	619	619	619	620	620	620	619	622
29	620	620	620	619	619	620	620	620	620	621	621	622	622	623	623	625	626	626	629	630	631	632	632	633	624	633
30	633	633	634	634	635	636	636	637	638	639	639	639	638	638	637	637	638	638	638	638	638	638	638	638	637	639
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	635	635	635	635	635	635	635	635	636	636	635	635	634	633	633	633	633	633	633	634	634	634	635	635	634	[ ]
SD	6	6	6	6	6	6	6	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	[ ]

BAROMETRIC PRESSURE
(MM OF MERCURY)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 16 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	635	635	635	635	635	635	635	635	636	636	636	635	635	634	634	634	634	635	635	636	636	636	636	637	635	637
2	637	637	637	638	638	638	638	638	638	638	638	637	636	636	635	635	635	636	636	637	637	637	637	637	637	639
3	637	637	637	637	637	637	637	637	637	637	636	635	634	634	633	633	633	633	633	633	633	633	633	634	635	637
4	633	633	633	633	633	633	633	633	633	633	632	631	630	629	629	628	628	629	629	629	630	630	630	630	631	633
5	631	631	631	632	632	632	633	633	634	634	634	634	634	632	632	634	634	635	635	636	636	636	636	637	634	637
6	636	637	637	637	637	637	637	637	638	638	638	638	637	636	636	636	636	637	637	637	638	638	639	639	637	639
7	639	639	639	639	639	639	639	640	640	640	640	639	639	638	637	637	637	637	637	638	638	638	638	638	639	640
8	639	639	639	639	639	640	640	640	640	640	640	640	639	639	638	637	637	637	637	638	638	638	638	638	639	640
9	638	638	638	638	638	638	638	638	638	638	638	637	638	636	635	635	634	634	634	634	634	634	634	633	636	638
10	633	633	633	633	633	632	632	632	632	632	632	631	631	630	629	629	629	629	629	629	629	630	630	630	631	633
11	629	629	630	630	630	630	630	630	630	630	630	630	629	628	628	627	628	628	628	628	628	628	627	627	629	630
12	627	627	627	626	626	625	625	625	625	625	625	624	623	623	623	623	623	623	623	623	623	623	623	623	624	627
13	623	622	622	622	622	621	621	621	620	620	619	618	617	617	617	617	618	618	619	620	620	621	622	622	620	623
14	627	628	628	629	629	627	628	629	630	631	632	633	633	633	634	634	635	636	637	637	638	639	639	640	632	640
15	640	640	640	641	641	641	641	641	641	641	641	640	639	638	637	637	637	637	637	637	637	637	637	637	639	641
16	637	636	636	636	636	635	635	635	635	635	634	634	633	633	632	632	632	632	633	633	633	634	634	634	634	637
17	635	634	633	633	633	633	633	636	637	637	637	636	636	636	636	636	636	637	638	638	639	639	640	640	637	640
18	640	641	641	641	642	642	642	643	643	643	643	642	641	641	640	639	639	639	640	640	641	641	641	642	641	643
19	642	642	642	642	642	642	642	642	643	642	642	642	641	640	640	640	640	640	640	641	641	642	642	642	641	643
20	643	643	643	643	643	643	643	643	643	644	643	643	642	641	640	640	640	640	641	641	641	642	642	642	642	644
21	641	641	641	641	641	640	640	640	640	640	640	639	638	637	637	636	636	637	637	637	637	638	638	638	639	641
22	639	639	639	639	639	639	639	639	639	639	639	638	637	636	636	635	635	635	636	636	636	636	636	636	637	639
23	636	636	636	636	636	636	636	637	637	637	636	636	635	634	634	634	634	634	634	635	635	635	636	636	635	637
24	636	636	636	636	636	636	637	637	637	637	638	637	636	635	635	635	635	635	636	636	636	636	636	637	635	638
25	635	635	636	636	635	635	636	636	637	637	637	637	636	636	635	634	634	635	635	636	636	636	637	636	636	637
26	636	636	636	636	636	636	637	637	637	637	637	637	636	635	634	634	635	635	635	635	635	635	634	635	636	637
27	634	633	633	633	633	633	633	633	634	633	633	633	632	631	631	631	631	632	633	634	634	634	635	635	633	635
28	638	638	638	637	637	638	638	639	639	639	640	639	638	638	638	638	638	638	639	639	640	640	640	640	638	640
29	640	640	641	641	641	641	641	641	641	641	641	640	639	638	638	637	637	637	637	637	637	637	637	636	639	641
30	633	633	634	634	633	633	632	631	630	630	629	627	625	623	623	623	624	624	624	624	624	624	624	623	628	643
31	623	622	622	622	622	621	622	622	622	622	622	622	621	621	620	620	621	622	622	623	624	624	625	626	622	626
AVE	635	635	635	635	635	635	635	635	636	636	636	635	634	633	633	633	633	633	634	634	634	634	635	635	635	[ ]
SD	9	8	5	5	5	6	5	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	6	5	[ ]

BAROMETRIC PRESSURE
(MM OF MERCURY)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO *
* REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	626	627	628	628	629	629	630	630	630	631	631	631	630	630	630	630	631	631	632	633	633	634	634	635	631	635
2	635	635	636	636	636	636	637	637	637	638	638	637	636	636	635	635	635	636	636	637	637	637	638	638	636	638
3	638	638	639	639	639	639	639	639	640	640	640	639	638	637	636	636	636	636	636	636	636	636	636	636	638	640
4	636	636	636	636	636	636	636	636	637	637	637	636	636	635	634	634	634	634	635	635	635	635	636	636	636	637
5	635	635	635	635	634	634	634	634	634	634	633	632	631	630	630	630	629	629	629	628	628	629	629	629	632	635
6	629	629	629	629	629	630	630	630	631	631	[PF]	631	629	629	629	630	631	631	632	632	633	634	634	635	631	635
7	635	635	636	636	636	636	637	637	637	637	637	637	636	635	635	635	635	635	636	636	636	636	636	636	636	637
8	636	636	636	636	636	636	636	636	636	636	636	636	635	634	634	633	633	633	633	634	634	634	634	634	635	636
9	634	634	634	634	634	633	633	633	633	633	633	632	631	629	629	628	628	628	628	628	629	629	629	629	631	634
10	629	629	629	629	630	630	631	631	632	633	633	633	632	632	632	632	633	633	634	635	636	636	637	637	632	637
11	637	637	638	638	638	638	638	638	638	638	638	637	635	634	634	633	633	632	632	632	632	633	633	633	635	638
12	632	631	631	631	630	630	630	629	629	629	628	628	627	626	626	626	627	628	628	628	629	629	630	631	629	632
13	631	632	633	634	634	635	635	636	636	637	637	636	636	635	635	635	635	636	636	637	638	639	639	640	636	640
14	640	640	641	641	641	642	642	642	642	642	642	642	640	639	638	638	638	638	638	638	638	638	639	639	640	642
15	639	638	638	639	639	638	638	639	639	640	640	639	638	637	637	637	637	638	638	639	640	640	641	641	639	641
16	641	642	642	642	642	642	642	642	643	643	643	642	641	640	640	640	640	640	641	641	641	642	642	642	642	643
17	642	642	642	642	641	641	641	641	641	641	641	639	638	637	636	636	635	635	635	635	635	635	635	635	638	642
18	634	634	634	634	633	633	633	633	633	633	633	632	631	630	630	629	630	631	632	633	633	634	635	635	633	635
19	636	636	637	637	637	638	639	639	640	640	640	640	639	638	638	638	638	639	639	640	640	641	641	641	639	641
20	641	641	642	642	642	642	642	643	643	643	643	643	642	641	641	641	641	641	641	642	642	643	643	643	642	643
21	643	643	643	644	644	644	644	644	644	644	644	643	642	641	640	640	640	640	640	640	640	640	640	640	642	644
22	640	640	640	640	640	640	639	639	639	639	639	638	637	635	635	634	634	634	634	635	635	635	635	635	637	640
23	634	634	634	634	634	633	633	633	633	633	633	632	631	630	630	630	630	630	630	630	630	630	630	629	632	634
24	628	628	628	628	628	628	627	627	627	627	627	627	626	625	624	624	625	626	626	627	625	629	629	630	627	630
25	630	630	630	630	630	630	630	630	630	630	630	630	629	629	629	629	630	631	632	632	633	634	635	635	631	635
26	633	635	636	636	636	636	637	637	637	637	637	636	635	635	635	635	635	635	636	637	637	637	638	638	636	638
27	638	639	639	639	639	640	640	640	640	641	641	640	640	639	638	638	638	639	639	639	639	639	639	640	639	641
28	640	640	639	639	640	640	640	640	641	641	641	641	640	639	639	638	638	638	639	639	639	639	640	640	640	641
29	640	640	640	640	640	640	640	641	641	641	640	640	639	637	637	636	636	636	636	637	637	637	637	637	639	641
30	637	637	637	637	637	636	636	637	637	637	637	636	635	634	634	634	634	634	635	637	637	637	638	639	636	639
31	639	639	640	640	640	640	641	641	641	641	641	641	640	639	638	638	638	638	638	639	639	639	640	640	640	641
AV	636	636	636	636	636	636	636	637	637	637	637	636	635	634	634	634	634	634	635	635	635	636	636	636	636	[ ]
SD	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	[ ]

DEW POINT
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	-12	-11	-12	-12	-13	-14	-11	-9	-6	-5	-3	-3	-3	-9	-3
15	-1	-2	-4	0	-1	-3	-3	-6	-7	-8	-10	-11	-11	-11	-12	-13	-13	-13	-11	-8	-2	2	2	3	-6	3
16	0	2	4	6	5	1	0	2	1	-2	-9	-10	-10	-11	-12	-13	-13	-12	-11	-7	-3	1	2	3	-4	6
17	4	5	5	4	4	5	4	3	1	-3	-9	-10	-10	-10	-11	-10	-11	-10	-10	-10	-10	-10	-10	-11	-5	5
18	-11	-11	-10	-10	-10	-11	-11	-10	-9	-9	-8	-7	-7	-7	-8	-7	-7	-6	-5	-6	-8	-8	-7	-6	-8	-5
19	-4	-2	-1	-1	-1	-2	-3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	-9	-8	-9	-8	-7	-6	-6	-5	-6	-5	-1
20	-5	-6	-6	-4	-6	-5	-9	-8	-8	-9	-7	-12	-14	-15	-15	-14	-14	-13	-12	-10	-9	-9	-9	-9	-10	-4
21	-9	-9	-7	-6	-7	-5	-5	-5	-4	-4	-5	-4	-6	-7	-7	-7	-7	-6	-5	-5	-6	-6	-5	-6	-6	-4
22	-4	-5	-7	-5	-6	-5	-6	-7	-7	-7	-5	-6	-8	-9	-9	-9	-9	-8	-7	-5	-4	-5	-4	-4	-6	-4
23	-5	-4	-2	-5	-3	1	2	1	3	-6	-6	-6	-5	-8	-10	-8	-7	-7	-5	-1	-1	-1	2	3	-3	3
24	2	1	0	2	3	-2	-2	-2	0	4	2	-1	-1	-3	-5	-4	-4	-3	-3	0	-1	-1	0	0	-1	4
25	0	1	1	3	2	2	1	0	-1	-2	-1	-2	0	3	1	0	-2	5	6	2	0	-4	-6	-7	0	6
26	-7	-7	-8	-9	8	-8	-8	-8	-5	-1	-4	3	-1	-3	-3	0	-1	-1	0	0	1	2	1	0	-3	3
27	-2	-3	-2	-1	-1	-1	0	0	1	1	1	2	3	2	1	-2	-1	-1	-1	0	0	0	-1	-1	0	3
28	0	0	0	0	1	1	1	1	1	1	1	1	4	7	7	8	8	9	7	4	4	4	5	6	3	9
29	4	4	4	4	1	-1	-1	0	0	0	0	0	0	0	0	0	-1	0	-2	-1	0	-1	-3	-2	0	4
30	-1	0	-1	-1	-1	-1	-1	-1	-1	1	3	6	0	-8	-10	-11	-10	-7	-5	-6	-2	0	1	1	-2	6
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	-2	-2	-2	-1	-2	-2	-3	-3	-2	-3	-4	-4	-5	-6	-7	-7	-7	-5	-5	-4	-3	-3	-2	-2	-4	[ ]
SD	4	4	4	5	4	4	4	4	4	4	4	6	5	6	6	6	6	6	5	4	4	4	4	5	3	[ ]

EW POINT
(DEGREES C.)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

SUBJECT TO REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3	4	4	5	5	5	5	5	5	7	2	-1	0	0	1	1	1	2	3	3	5	8	8	7	4	8
2	5	6	6	6	6	6	4	4	6	8	5	1	0	0	0	0	0	1	2	3	4	4	4	3	3	8
3	3	4	4	3	3	3	2	2	4	6	6	2	0	0	1	0	0	1	3	3	3	3	3	3	3	6
4	5	5	4	3	3	3	3	3	4	6	8	4	0	1	1	0	1	1	4	3	1	1	0	2	3	8
5	3	3	3	3	2	3	1	-1	1	2	4	3	1	2	1	1	5	6	7	7	8	8	9	9	4	9
6	9	9	8	9	8	7	7	6	6	7	6	5	3	3	2	2	4	6	7	9	9	7	8	9	7	9
7	8	6	5	5	5	5	6	4	6	7	5	6	7	7	6	7	8	11	11	8	6	7	6	5	7	11
8	3	2	2	2	3	6	6	7	7	9	9	11	-4	-1	-1	-1	-1	0	-2	-2	-2	-2	-3	-4	2	11
9	-5	-5	-6	-7	-8	-7	-6	-6	-6	-5	-4	-2	-2	-2	-1	-1	-2	-2	-3	-3	-3	-3	-3	-4	-4	-1
10	-5	-6	-6	-5	-6	-6	-6	-7	-7	-5	-4	-4	-3	-3	-2	-2	-2	-2	-3	-2	-2	-3	-3	-4	-4	-2
11	-4	-4	-4	-5	-5	-5	-5	-4	-4	-3	-2	-2	0	0	0	0	-1	-2	-1	-2	-1	-2	-2	-2	-3	0
12	-2	-2	-2	-2	-2	-2	-2	-2	-2	-1	0	2	4	2	2	2	1	1	1	1	1	1	1	1	0	4
13	0	0	1	1	1	1	1	1	1	1	2	1	1	1	3	2	2	3	1	1	0	0	0	1	1	3
14	0	0	0	-1	-2	-4	-2	-6	-6	-9	-9	-11	-9	-8	-5	-5	-6	-9	-4	-5	-5	-5	-7	-10	-5	0
15	-10	-11	-11	-12	-11	-10	-10	-10	-10	-9	-8	-5	-7	-8	-9	-8	-8	-5	-4	-1	-4	-7	-5	-7	-8	-1
16	-6	-7	-8	-9	-9	-9	-11	-14	-13	-6	1	0	-6	-8	-11	-10	-10	-7	-2	-6	-7	-7	-12	-13	-8	1
17	-12	-10	-12	-12	-12	-12	-13	-12	-9	-9	-7	-5	-5	-7	-10	-10	-8	-9	-10	-11	-10	-11	-10	-11	-10	-5
18	-11	-11	-12	-13	-12	-14	-14	-14	-8	-8	-8	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	-11	-8
19	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
20	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
21	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
22	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
23	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
24	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
25	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
26	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
27	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
28	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
29	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	-1	-1	-1	-2	-2	-2	-2	-2	-1	0	0	0	-1	-1	-1	-1	-1	0	1	0	0	0	0	-1	-1	[ ]
SD	6	6	6	7	6	7	7	7	6	7	6	5	4	4	5	4	5	5	5	5	5	6	6	7	5	[ ]

RELATIVE HUMIDITY
(PERCENT)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 14 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
2	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
6	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
7	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
8	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
9	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
10	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
11	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
12	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
13	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
14	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
15	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
16	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
17	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	73	79	81	90	88	92	94	97	99	99	99	100	90	100
18	100	100	100	99	100	99	99	100	98	93	86	84	82	76	73	75	81	86	93	97	98	98	97	97	92	100
19	99	98	98	98	99	98	98	99	98	93	87	82	79	78	78	79	84	89	92	94	95	95	96	96	92	99
20	97	97	96	97	97	96	97	98	94	88	84	80	76	76	78	79	84	91	93	93	94	95	95	95	90	98
21	97	96	96	95	95	95	96	96	95	94	86	78	81	72	70	75	83	87	90	91	92	92	93	94	89	97
22	96	96	97	97	98	96	99	95	87	83	78	73	68	66	64	62	67	79	87	92	94	95	96	97	86	98
23	99	98	97	96	95	95	95	95	93	80	80	79	76	76	75	68	74	86	92	94	96	96	95	95	89	98
24	96	97	96	98	98	95	95	95	92	89	87	79	77	75	82	92	95	98	97	96	95	96	98	99	92	99
25	95	94	97	96	95	93	95	94	96	87	77	74	77	71	62	57	68	90	98	95	93	93	90	87	86	98
26	85	85	84	84	83	82	83	83	81	74	67	64	57	59	67	73	76	78	79	79	81	82	85	87	77	87
27	89	88	88	89	89	88	89	88	87	85	69	51	41	37	38	39	42	46	46	49	55	61	65	70	66	89
28	74	77	78	80	82	83	84	83	75	64	54	46	43	41	34	34	39	53	70	77	77	79	82	83	66	84
29	84	86	86	87	86	89	89	85	79	70	60	54	52	56	57	54	56	61	70	78	83	86	87	87	74	89
30	88	89	89	89	90	89	90	90	83	75	65	58	53	56	62	64	73	88	90	92	92	92	90	87	81	92
31	88	89	89	91	91	91	89	89	89	88	64	78	74	72	75	79	79	78	77	78	62	62	61	65	80	91
AV	92	92	92	93	93	92	93	92	89	83	76	70	67	66	66	67	73	80	85	87	87	88	89	89	83	[ ]
SD	7	6	6	6	6	5	5	6	7	9	11	12	14	13	14	15	16	15	14	12	13	12	11	10	9	[ ]

RELATIVE HUMIDITY
(PERCENT)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	68.0	66.0	63.0	63.0	61.0	62.0	65.0	66.0	68.0	68.0	67.0	62.0	56.0	51.0	51.0	51.0	56.0	62.0	67.0	68.0	72.0	74.0	75.0	75.0	64.0	75.0
2	76.0	76.0	77.0	78.0	79.0	78.0	80.0	78.0	80.0	77.0	67.0	59.0	56.0	56.0	52.0	63.0	60.0	66.0	72.0	75.0	77.0	78.0	77.0	77.0	71.5	80.0
3	77.0	77.0	79.0	79.0	80.0	78.0	78.0	78.0	81.0	76.0	70.0	63.0	53.0	53.0	52.0	56.0	60.0	63.0	69.0	70.0	72.0	72.0	74.0	74.0	70.0	81.0
4	73.0	73.0	71.0	76.0	76.0	79.0	81.0	82.0	81.0	78.0	76.0	69.0	60.0	55.0	50.0	50.0	48.0	55.0	64.0	65.0	80.0	84.0	85.0	83.0	70.5	85.0
5	84.0	85.0	83.0	83.0	83.0	82.0	82.0	84.0	80.0	74.0	73.0	71.0	62.0	57.0	49.0	54.0	71.0	73.0	80.0	79.0	85.0	91.0	90.0	90.0	77.0	91.0
6	87.0	85.0	83.0	84.0	82.0	83.0	82.0	84.0	81.0	71.0	74.0	70.0	63.0	56.0	49.0	54.0	71.0	72.0	80.0	80.0	85.0	88.0	90.0	89.0	77.0	90.0
7	85.0	83.0	85.0	85.0	86.0	85.0	87.0	88.0	86.0	80.0	70.0	67.0	67.0	60.0	52.0	52.0	60.0	61.0	71.0	80.0	84.0	82.0	83.0	83.0	76.0	86.0
8	83.0	84.0	85.0	85.0	84.0	83.0	82.0	81.0	81.0	77.0	75.0	70.0	69.0	67.0	61.0	53.0	60.0	61.0	72.0	79.0	84.0	86.0	87.0	89.0	76.5	89.0
9	90.0	92.0	91.0	88.0	91.0	88.0	88.0	87.0	87.0	90.0	83.0	80.0	73.0	65.0	58.0	59.0	59.0	69.0	76.0	75.0	79.0	81.0	80.0	83.0	79.5	92.0
10	84.0	85.0	85.0	85.0	86.0	85.0	85.0	85.0	86.0	85.0	81.0	65.0	60.0	52.0	52.0	52.0	52.0	59.0	61.0	74.0	75.0	76.0	79.0	73.0	73.5	86.0
11	73.0	77.0	79.0	84.0	86.0	85.0	86.0	87.0	89.0	88.0	75.0	56.0	55.0	54.0	44.0	38.0	55.0	65.0	76.0	79.0	80.0	79.0	80.0	80.0	73.0	89.0
12	79.0	90.0	80.0	80.0	80.0	81.0	80.0	87.0	87.0	86.0	82.0	79.0	70.0	53.0	53.0	55.0	54.0	60.0	65.0	64.0	56.0	55.0	59.0	60.0	70.0	87.0
13	66.0	41.0	41.0	47.0	47.0	47.0	47.0	50.0	56.0	60.0	61.0	55.0	45.0	42.0	28.0	28.0	22.0	22.0	30.0	50.0	55.0	55.0	60.0	63.0	46.5	66.0
14	66.0	68.0	70.0	73.0	75.0	80.0	82.0	82.0	82.0	80.0	70.0	58.0	51.0	45.0	43.0	38.0	38.0	49.0	55.0	63.0	72.0	77.0	79.0	82.0	66.0	82.0
15	83.0	83.0	85.0	85.0	88.0	87.0	87.0	86.0	87.0	85.0	71.0	64.0	53.0	53.0	48.0	47.0	47.0	50.0	57.0	63.0	69.0	73.0	80.0	82.0	71.5	88.0
16	82.0	85.0	88.0	89.0	92.0	93.0	90.0	91.0	90.0	83.0	71.0	51.0	52.0	50.0	47.0	47.0	48.0	60.0	70.0	75.0	83.0	90.0	90.0	95.0	75.5	95.0
17	93.0	93.0	93.0	94.0	98.0	93.0	96.0	91.0	92.0	93.0	87.0	75.0	64.0	56.0	55.0	57.0	54.0	55.0	61.0	67.0	77.0	84.0	88.0	91.0	79.5	98.0
18	93.0	93.0	94.0	94.0	94.0	88.0	90.0	90.0	88.0	87.0	88.0	87.0	70.0	63.0	55.0	56.0	55.0	74.0	81.0	76.0	81.0	88.0	90.0	91.0	82.0	94.0
19	91.0	88.0	72.0	66.0	74.0	77.0	82.0	86.0	85.0	86.0	79.0	75.0	65.0	55.0	56.0	53.0	47.0	49.0	55.0	65.0	78.0	80.0	83.0	86.0	72.0	91.0
20	88.0	88.0	90.0	89.0	88.0	87.0	88.0	90.0	90.0	91.0	79.0	71.0	65.0	55.0	56.0	54.0	53.0	53.0	55.0	68.0	79.0	88.0	88.0	89.0	77.0	91.0
21	90.0	90.0	92.0	90.0	92.0	92.0	90.0	89.0	92.0	89.0	83.0	72.0	65.0	60.0	52.0	49.0	55.0	57.0	59.0	71.0	81.0	88.0	90.0	90.0	78.5	92.0
22	94.0	89.0	91.0	91.0	89.0	92.0	89.0	87.0	92.0	92.0	82.0	74.0	68.0	55.0	51.0	55.0	57.0	62.0	76.0	81.0	85.0	89.0	91.0	89.0	80.0	94.0
23	90.0	91.0	91.0	92.0	89.0	94.0	89.0	92.0	91.0	88.0	81.0	78.0	71.0	66.0	63.0	61.0	68.0	72.0	75.0	77.0	78.0	79.0	81.0	81.0	81.0	94.0
24	82.0	82.0	92.0	93.0	83.0	85.0	84.0	85.0	85.0	83.0	78.0	77.0	70.0	62.0	58.0	57.0	54.0	57.0	61.0	70.0	74.0	74.0	72.0	73.0	74.0	85.0
25	75.0	75.0	78.0	77.0	78.0	79.0	77.0	77.0	77.0	76.0	71.0	65.0	59.0	50.0	61.0	50.0	65.0	58.0	62.0	70.0	77.0	81.0	84.0	84.0	71.0	84.0
26	85.0	95.0	85.0	83.0	82.0	84.0	85.0	86.0	85.0	80.0	71.0	62.0	45.0	48.0	46.0	50.0	53.0	53.0	66.0	66.0	69.0	72.0	73.0	78.0	70.5	86.0
27	84.0	84.0	93.0	95.0	85.0	85.0	85.0	89.0	86.0	80.0	72.0	62.0	53.0	53.0	47.0	45.0	55.0	59.0	63.0	65.0	70.0	75.0	95.0	81.0	72.5	95.0
28	82.0	84.0	85.0	87.0	86.0	87.0	88.0	89.0	90.0	85.0	78.0	66.0	50.0	45.0	40.0	36.0	40.0	47.0	57.0	69.0	75.0	75.0	77.0	82.0	71.0	90.0
29	86.0	87.0	89.0	91.0	92.0	92.0	96.0	94.0	93.0	87.0	79.0	68.0	56.0	55.0	53.0	51.0	50.0	49.0	56.0	63.0	75.0	84.0	88.0	91.0	76.0	96.0
30	91.0	93.0	92.0	95.0	94.0	92.0	96.0	90.0	88.0	88.0	89.0	76.0	62.0	53.0	46.0	45.0	50.0	51.0	51.0	43.0	65.0	60.0	61.0	56.0	72.0	96.0
31	60.0	66.0	72.0	80.0	85.0	86.0	87.0	88.0	88.0	85.0	73.0	64.0	55.0	53.0	52.0	51.0	48.0	49.0	60.0	65.0	77.0	84.0	88.0	90.0	71.0	90.0
AV	82.0	81.5	81.5	82.5	83.5	83.5	84.0	84.5	84.5	82.0	76.0	68.0	60.0	55.0	51.0	50.5	53.5	58.0	64.5	69.5	76.0	79.0	81.0	81.5	73.0	[ ]
SD	8.7	10.5	10.6	9.8	9.8	9.2	9.1	8.3	7.4	7.3	6.5	8.1	7.7	5.8	6.7	7.4	9.5	10.0	10.5	8.4	7.4	9.2	9.1	9.3	6.4	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

NOVEMBER,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 15 APR 76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.0	3.0	3.0	3.0	2.0	1.0	1.0	2.0	1.5	2.0	3.0	4.5	3.5	3.5	4.0	2.5	5.5	3.0	4.0	2.0	3.0	2.0	3.0	3.5	3.0	5.5
2	3.0	2.5	3.0	3.5	1.5	2.5	1.5	3.0	2.5	2.5	2.0	3.0	4.0	4.0	3.0	2.0	2.5	5.0	2.0	2.0	1.0	2.5	3.5	5.0	3.0	5.0
3	3.0	2.0	2.3	3.0	3.5	1.0	2.3	1.3	3.0	1.5	2.5	2.5	2.0	4.5	4.5	3.0	4.5	2.5	2.5	2.0	2.0	3.5	3.5	2.0	2.5	4.5
4	3	2.0	1.3	2.5	4.0	2.0	2.5	2.3	1.5	1.5	2.3	2.0	3.5	3.0	2.5	3.5	4.5	3.0	4.0	2.0	3.0	1.5	3.5	3.5	2.5	4.5
5	2.5	2.5	2.0	3.0	4.0	3.0	2.5	2.0	2.0	3.0	3.5	7.0	6.5	8.5	3.0	6.0	4.0	1.0	2.5	2.0	2.0	2.5	1.5	1.0	3.0	7.0
6	3.0	1.5	3.0	2.5	3.5	2.5	3.0	3.5	4.0	2.0	2.5	3.0	4.0	6.5	10.0	10.5	6.5	2.5	2.5	6.0	5.0	4.0	6.0	5.5	4.5	10.5
7	5.5	9.0	2.5	3.0	2.0	3.0	3.5	2.5	1.0	2.5	2.0	3.0	3.5	4.5	10.0	10.0	12.5	8.0	12.5	6.5	7.5	8.0	8.0	4.0	5.5	12.5
8	3.0	9.0	6.3	9.0	6.0	14.5	14.5	16.0	14.0	11.0	6.5	4.5	4.5	5.5	2.5	5.0	5.0	10.5	9.0	12.5	8.5	6.0	6.5	7.5	9.5	16.0
9	7.3	8.0	6.0	9.3	13.0	6.5	6.0	5.0	3.0	5.0	5.0	5.5	6.5	7.3	5.3	5.0	4.5	4.0	3.0	3.5	1.5	2.0	2.0	4.0	5.5	13.0
10	4.0	3.0	2.3	3.0	4.0	1.5	1.0	2.5	2.0	2.0	3.5	3.5	7.0	5.5	6.0	5.5	7.0	8.0	13.0	16.0	11.5	6.0	9.5	12.0	6.0	16.0
11	9.5	12.0	5.0	9.0	11.0	16.5	15.5	10.5	5.0	4.0	6.5	5.5	5.5	12.5	10.0	10.0	12.5	12.5	6.5	5.0	3.5	3.0	3.0	2.0	8.0	16.5
12	1.0	3.0	1.5	1.5	1.5	2.5	2.5	3.0	1.5	1.5	3.5	4.5	4.0	4.5	7.5	3.5	4.5	6.0	2.0	1.0	1.0	3.5	3.0	2.5	3.0	7.5
13	1.5	2.5	2.5	1.0	2.0	3.5	1.0	1.0	1.0	2.0	2.5	2.5	5.0	2.5	4.5	5.5	2.5	4.0	1.0	1.0	2.5	2.5	3.0	1.0	2.5	5.5
14	1.0	1.0	1.5	1.5	1.5	3.0	2.5	3.0	2.0	1.5	3.0	3.5	4.5	3.5	5.5	5.5	3.5	3.5	2.5	4.0	2.5	2.5	3.0	2.0	3.0	5.5
15	1.3	3.3	2.3	2.3	3.3	1.0	1.0	3.3	2.5	3.0	2.5	3.0	3.5	3.5	7.5	6.0	6.5	3.0	3.5	3.5	3.0	3.3	2.0	3.5	3.5	7.5
16	2.0	1.5	2.5	3.0	2.0	2.0	2.5	2.5	2.3	2.5	2.0	2.0	4.5	3.0	5.5	4.0	2.5	2.5	4.5	3.5	3.5	3.0	2.0	2.0	3.0	5.5
17	2.5	2.0	3.0	2.5	3.0	3.5	3.5	3.5	2.5	2.5	2.3	3.5	5.5	3.5	3.5	3.0	2.5	2.5	2.5	2.5	1.0	3.5	3.5	3.5	3.0	5.5
18	3.5	2.5	2.5	3.0	1.0	1.0	2.5	1.5	1.5	3.0	4.5	5.0	3.5	5.0	5.5	7.5	6.5	4.5	4.5	12.5	14.5	9.5	13.0	10.0	5.5	14.5
19	8.0	5.0	2.0	6.5	8.0	7.5	8.3	15.5	13.5	[PF]	[PF]	[PF]	[PF]	[PF]	13.0	10.0	11.5	10.5	12.0	17.0	8.5	10.0	9.0	13.0	10.0	17.0
20	6.5	3.5	5.5	7.5	6.5	2.5	3.5	3.5	2.0	1.5	3.0	3.5	3.5	3.5	3.5	5.5	3.5	7.5	4.0	3.0	2.0	3.0	2.0	1.5	3.5	8.5
21	1.0	3.5	5.5	6.5	2.0	1.0	1.0	1.0	2.0	3.5	2.5	3.5	4.5	3.5	4.5	3.5	2.0	2.5	2.5	1.0	3.5	2.3	2.5	3.5	3.0	6.5
22	2.3	3.3	3.0	3.0	2.5	2.0	2.0	2.5	3.0	1.5	2.5	3.5	5.5	3.5	5.0	3.5	5.5	2.0	3.5	2.5	1.5	3.5	3.5	3.5	3.0	5.5
23	3.5	2.5	3.0	3.5	2.5	1.0	1.5	2.5	1.5	1.5	3.5	3.0	2.5	3.0	3.5	4.0	3.5	1.5	5.0	3.0	3.0	1.5	3.5	3.5	3.0	5.0
24	3.5	3.0	4.0	3.0	2.5	3.5	3.5	2.5	3.5	3.0	2.5	3.5	3.5	3.5	2.5	1.0	3.5	4.5	6.5	6.5	8.5	6.5	9.5	10.5	4.5	10.5
25	7.0	5.5	13.5	14.5	13.0	17.0	13.5	13.0	13.5	16.0	16.0	20.0	16.0	20.0	11.5	10.0	10.5	10.5	3.5	4.0	4.5	3.5	4.5	3.5	11.0	20.0
26	3.5	3.0	4.0	2.5	2.5	2.5	1.5	3.5	3.3	2.5	2.0	2.5	14.5	2.5	16.0	13.5	7.5	4.5	2.5	3.5	2.5	2.0	3.5	2.5	5.0	19.5
27	1.3	2.5	4.0	3.5	3.5	2.5	1.5	1.5	2.5	2.5	3.0	5.5	4.5	5.5	3.5	3.5	1.0	3.5	2.5	3.5	3.0	4.0	2.0	2.5	3.0	5.5
28	2.5	2.0	3.5	2.0	2.0	2.0	.5	1.5	2.3	5.5	7.5	6.5	11.5	6.5	23.5	24.0	23.5	22.0	21.0	12.0	16.5	16.0	11.5	8.5	10.0	24.0
29	4.0	5.5	4.5	2.5	5.5	7.0	6.5	3.0	2.0	7.5	8.5	15.5	14.5	15.5	20.0	22.0	21.0	21.5	19.0	17.0	14.5	10.0	13.5	11.5	11.5	22.0
30	6.5	10.5	10.5	8.0	5.5	6.5	5.5	6.0	6.0	3.5	5.3	5.5	13.5	17.0	15.0	12.5	10.5	12.5	10.0	19.0	5.5	7.5	7.0	6.5	8.5	17.0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	3.5	4.0	4.0	4.3	4.0	4.0	4.0	4.0	3.5	3.5	4.0	5.0	6.0	6.0	7.5	7.0	7.0	6.5	6.0	5.5	5.0	4.5	5.0	5.0	5.0	[ ]
SD	2.1	2.3	2.6	3.0	3.2	4.3	3.9	4.0	3.5	2.4	2.8	3.8	4.0	4.4	5.3	5.7	5.2	5.2	5.0	4.9	4.3	3.3	3.4	3.4	2.7	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	8.0	6.5	5.5	3.5	7.0	8.5	9.0	6.5	3.5	2.5	4.0	3.5	2.5	4.5	6.5	4.0	4.5	1.5	2.5	3.0	3.5	3.5	2.5	3.5	4.5	9.0
2	3.5	4.0	4.5	4.5	2.5	3.5	3.0	2.0	2.5	2.0	1.5	2.0	3.5	2.5	4.5	6.5	5.5	4.0	1.5	1.5	3.0	2.0	2.5	2.0	3.0	6.5
3	2.0	2.0	1.5	3.5	2.5	2.0	2.0	1.5	2.5	1.5	1.5	2.0	2.5	4.5	3.5	4.0	3.5	1.5	2.5	1.0	1.5	[IM]	[IM]	[IM]	2.5	4.5
4	2.0	2.5	2.5	2.0	1.5	3.5	3.0	2.5	2.5	2.5	2.0	2.5	3.0	4.5	4.0	5.5	6.0	4.5	3.0	2.5	2.5	[IM]	[IM]	[IM]	3.0	6.0
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.5	5.5	4.0	5.5	4.5	3.5	2.5	2.5	4.5	4.5	3.5	4.5	3.0	4.0	5.5
6	2.5	3.5	3.5	4.0	3.0	2.5	3.5	2.5	2.5	2.5	2.0	2.0	2.5	5.5	5.5	5.5	5.5	[IM]	[IM]	[IM]	[IM]	[IM]	4.5	3.0	3.5	5.5
7	3.5	2.5	2.5	2.5	2.5	2.0	2.5	2.0	1.5	1.5	1.5	2.5	2.5	[IM]	[IM]	4.0	2.5	2.5	2.5	3.5	2.5	2.0	2.5	2.5	2.5	4.0
8	2.5	2.5	3.0	3.5	4.5	[IM]	3.5	3.5	2.0	2.5	3.5	2.0	3.5	6.0	5.5	4.5	2.5	3.5	[IM]	[IM]	3.5	2.5	2.5	2.0	3.5	6.0
9	2.0	1.5	1.5	1.0	1.5	1.5	1.0	1.5	1.5	1.0	1.5	2.0	2.0	2.0	1.5	3.0	2.5	2.5	2.0	2.5	1.5	2.0	2.0	2.0	2.0	3.0
10	2.5	1.5	1.5	1.5	2.0	1.5	2.0	2.5	1.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2.0	2.5
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.0	3.5	3.0	3.0	3.0	2.0	[IM]	[IM]	[IM]	[IM]	[IM]	3.0	3.5
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.0	12.0	14.5	17.5	15.0	19.0	13.0	12.5	10.5	9.5	7.0	3.5	5.0	4.5	10.5	19.0
13	4.5	5.0	7.0	4.5	2.5	4.5	4.5	3.0	4.5	6.0	10.0	20.0	19.5	16.0	19.0	21.0	10.0	5.0	12.0	5.5	8.5	7.0	4.5	5.5	8.5	21.0
14	11.0	9.0	9.0	9.5	12.0	14.0	10.0	12.0	11.5	14.5	15.5	9.5	6.5	8.0	6.0	5.0	2.0	3.0	4.0	3.0	2.5	2.5	4.5	3.5	8.0	15.5
15	3.0	3.0	3.5	5.0	4.0	2.5	3.5	2.0	1.0	2.5	2.0	2.0	2.0	2.0	[IM]	[IM]	1.5	2.0	1.5	[IM]	3.5	3.0	2.5	2.5	2.5	5.0
16	2.5	2.0	3.0	2.5	2.5	2.5	3.5	3.0	2.0	1.5	1.5	2.5	3.0	3.0	2.5	3.0	2.0	2.5	2.5	2.5	4.0	3.0	3.0	4.0	2.5	4.0
17	3.0	3.5	3.5	2.5	2.5	3.0	4.0	3.5	2.5	2.0	1.5	2.0	3.5	3.0	4.5	4.0	3.5	1.5	1.5	2.5	2.0	3.0	3.0	2.0	3.0	4.5
18	[IM]	1.0	1.5	2.5	2.5	2.5	1.5	2.0	2.0	1.5	1.0	1.5	4.0	1.5	2.0	3.5	[IM]	3.0	2.5	2.0	1.5	3.0	2.5	1.0	2.0	4.0
19	2.0	3.0	3.0	2.5	2.5	3.5	2.5	3.0	1.5	1.0	1.5	2.0	1.0	3.5	3.5	5.5	3.0	3.0	3.0	2.0	2.5	2.5	4.5	1.5	2.5	5.5
20	2.0	2.0	1.5	2.5	1.5	3.0	3.5	2.0	3.0	1.5	1.0	3.0	2.0	3.0	5.5	5.0	4.0	3.0	2.0	3.0	2.5	1.5	1.0	3.0	2.5	5.5
21	2.5	2.5	3.0	2.0	3.0	3.0	2.5	1.0	[IM]	1.5	1.5	1.0	3.0	3.5	3.5	2.0	4.0	3.0	4.0	3.5	3.5	3.5	2.0	2.0	2.5	4.0
22	2.5	2.5	1.0	4.0	1.5	4.0	3.5	2.0	2.0	1.0	3.0	2.5	3.5	2.5	3.5	3.0	2.5	1.0	2.0	1.5	[IM]	[IM]	[IM]	[IM]	2.5	4.0
23	2.5	3.0	2.0	2.0	3.0	[IM]	2.5	3.0	2.0	1.0	2.0	2.0	2.5	3.0	3.5	1.5	2.5	1.5	2.0	1.5	3.5	3.5	2.5	2.5	2.5	3.5
24	2.5	1.5	3.5	3.0	3.0	3.0	2.0	2.0	1.0	1.0	1.0	1.5	2.0	5.0	5.5	5.5	3.5	4.0	4.0	5.0	3.0	2.5	3.0	3.0	3.0	5.5
25	1.5	2.0	2.5	4.0	3.0	5.0	3.0	3.5	3.0	4.0	2.0	6.0	4.5	4.0	1.5	2.5	3.0	4.0	3.0	3.0	2.5	2.5	3.5	2.5	3.0	6.0
26	1.5	1.0	2.0	1.0	2.5	2.0	2.0	1.5	1.5	1.0	1.5	4.0	2.0	4.5	4.5	5.0	3.5	2.5	2.0	3.0	3.5	7.5	4.5	6.0	3.0	7.5
27	4.5	4.5	3.5	3.5	2.5	2.5	3.5	2.5	3.5	3.0	4.0	3.5	5.5	5.5	4.0	7.0	2.5	9.5	9.5	11.0	2.5	3.5	4.5	5.5	4.5	11.0
28	2.5	3.0	4.0	3.5	3.0	3.5	3.0	2.5	2.5	1.0	1.0	1.5	4.5	2.0	3.5	2.5	2.0	3.5	5.0	3.5	3.0	3.5	1.5	1.5	3.0	5.0
29	2.5	4.0	3.0	2.0	3.0	3.0	1.5	3.0	3.0	1.0	1.0	2.0	3.5	4.0	5.0	2.0	5.0	3.0	2.0	3.0	3.0	2.0	2.5	2.5	3.0	5.0
30	3.5	1.5	1.5	3.5	3.5	2.0	2.5	4.5	3.5	1.5	1.5	3.5	3.5	2.5	2.5	7.5	4.0	8.0	11.0	5.0	4.0	7.0	6.0	7.5	4.0	11.0
31	10.0	9.0	4.5	4.5	4.0	4.5	6.5	3.0	3.5	2.5	2.5	4.5	5.0	5.0	8.5	6.5	2.5	7.5	9.0	10.5	9.5	12.5	12.0	8.5	6.5	12.5
AV	3.5	3.5	3.0	3.0	3.0	3.5	3.5	3.0	2.5	2.5	2.5	3.5	4.0	4.5	5.0	5.5	4.0	3.5	4.0	4.0	3.5	3.5	3.5	3.5	3.5	[ ]
SD	2.4	2.1	1.7	1.6	2.0	2.5	2.0	2.0	1.9	2.6	3.0	3.9	3.7	3.6	3.7	4.3	2.4	2.5	3.1	2.6	1.9	2.4	2.1	1.8	2.0	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 7

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	3.0	[RF]	3.0	3.0
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	3.0	2.5	3.5	3.0	3.5
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	2.0	2.5	1.0	1.5	2.0	3.0	3.5	4.5	2.0	3.0	1.5	1.0	.5	[RF]	[RF]	[RF]	2.0	4.5
4	[RF]	[RF]	.5	1.5	.5	[RF]	[RF]	.5	.5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	2.0	4.0	2.0	1.5	[RF]	[RF]	2.0	2.5	1.5	4.0
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	3.5	[RF]	[RF]	[RF]	2.5	2.5	2.0	1.0	3.0	3.0	3.0	2.0	3.0	5.5	4.5	3.5	5.5	3.0	5.5
6	4.0	3.5	2.0	1.5	3.0	6.0	4.5	2.5	3.0	2.0	3.5	2.5	5.5	6.5	5.0	6.5	2.0	2.0	1.0	1.5	3.0	3.0	2.5	3.5	3.5	6.5
7	3.0	3.0	2.5	1.5	3.0	2.0	4.0	3.5	3.5	3.5	2.0	2.5	1.5	1.0	1.0	1.0	2.0	2.5	3.5	4.0	3.0	1.5	1.0	2.0	2.5	4.0
8	1.5	1.0	1.0	2.0	1.5	2.5	2.5	2.0	[PF]	3.5	1.5	2.5	2.0	2.0	3.5	3.5	3.5	3.0	2.0	1.5	2.0	2.0	1.5	1.5	2.0	3.5
9	1.0	2.5	2.0	2.0	1.5	1.5	3.0	2.5	3.0	2.5	2.0	1.5	2.0	3.5	2.0	3.5	3.0	2.0	3.5	3.5	3.0	2.5	2.5	2.0	2.5	3.5
10	1.5	1.5	2.5	2.0	2.5	3.5	3.5	2.5	3.5	5.5	1.5	1.5	3.5	8.0	8.5	6.0	4.5	4.5	4.0	2.0	2.5	3.0	2.5	3.0	3.5	8.5
11	4.0	2.0	4.5	3.5	3.5	3.5	3.5	3.0	3.5	1.5	2.0	1.5	3.5	5.5	4.0	3.5	2.5	1.0	2.5	2.5	2.0	2.5	3.5	2.0	3.0	5.5
12	2.5	2.0	1.5	3.0	3.5	4.0	3.5	2.5	2.5	1.5	1.5	3.5	3.5	3.5	4.5	3.5	6.0	3.0	8.0	12.0	11.0	4.0	4.0	5.5	4.0	12.0
13	19.0	24.0	17.5	5.0	4.5	3.0	4.0	4.5	2.0	2.5	1.0	2.5	2.0	4.0	4.5	4.5	2.5	2.5	5.0	3.0	5.5	3.0	3.0	2.0	5.5	24.0
14	2.5	2.0	2.5	3.5	4.0	3.0	3.5	3.5	3.5	3.0	3.0	3.5	3.5	2.5	3.0	3.5	3.5	2.5	1.5	4.5	3.0	3.5	3.5	2.0	3.0	4.5
15	2.0	2.5	3.5	3.0	2.0	2.0	2.0	1.5	2.0	3.5	2.5	3.0	3.0	3.0	3.5	2.5	1.5	3.5	2.5	3.5	3.0	3.5	5.0	2.0	3.0	5.0
16	1.5	2.0	1.5	3.5	3.0	3.5	2.5	3.0	2.0	1.5	2.0	2.0	3.5	3.0	2.5	2.5	2.0	5.0	2.5	3.0	1.5	1.5	3.0	3.0	2.5	5.0
17	3.5	2.5	2.5	2.0	4.0	3.0	3.0	3.5	2.5	2.0	2.5	2.5	1.5	5.5	4.5	3.5	4.0	2.0	.5	1.0	.5	1.5	3.5	3.0	2.5	5.5
18	2.5	1.5	.5	3.0	2.5	3.5	3.0	2.5	3.5	2.5	2.5	2.0	2.0	4.5	4.5	2.5	11.0	5.5	5.0	2.5	1.0	6.0	10.5	11.0	4.0	11.0
19	12.0	13.0	12.0	9.0	6.0	3.5	4.5	2.0	1.0	1.0	.5	1.5	4.0	2.5	7.5	8.5	4.0	3.5	1.5	3.5	3.0	2.5	2.0	2.0	4.5	13.0
20	1.5	1.0	3.5	3.5	2.5	4.0	2.0	3.5	2.5	1.0	2.0	1.5	2.5	3.5	4.5	4.5	4.5	2.5	2.0	2.5	1.0	2.0	1.5	4.5	2.5	4.5
21	1.5	1.0	2.0	1.5	2.0	2.0	3.5	3.5	1.5	2.5	1.5	1.5	2.5	2.5	4.0	6.0	5.0	3.0	2.5	1.5	4.0	3.5	3.5	2.5	2.5	6.0
22	4.0	2.0	2.0	2.0	2.5	2.5	3.0	2.5	2.0	3.0	2.5	1.0	2.0	3.0	5.0	6.0	5.5	3.5	3.5	2.0	1.0	1.0	3.0	3.5	3.0	6.0
23	3.5	1.5	2.5	3.0	1.5	3.5	2.0	2.5	1.5	1.5	3.0	4.5	4.0	4.0	3.0	4.0	3.0	3.5	3.0	.5	2.0	3.0	4.0	3.5	3.0	4.5
24	3.5	3.0	3.0	2.0	3.0	3.5	2.5	2.5	3.0	6.0	4.0	5.5	4.0	4.5	5.5	4.0	5.5	4.5	4.0	6.0	4.0	4.0	4.5	2.5	4.0	6.0
25	4.0	3.5	3.0	3.0	3.0	2.5	3.0	3.0	2.0	3.0	2.5	4.0	2.0	5.0	5.0	12.5	7.0	1.5	3.0	5.5	2.5	3.0	3.0	2.5	3.5	12.5
26	3.0	2.5	3.5	1.5	1.5	2.5	3.0	2.5	4.0	3.5	4.5	3.0	7.5	5.5	3.5	5.0	4.0	7.0	3.5	3.0	2.5	3.0	3.0	2.5	3.5	7.5
27	2.5	3.5	2.5	2.5	2.5	2.0	3.0	3.0	2.5	1.5	2.0	4.5	3.5	3.0	3.0	4.5	6.0	4.0	2.0	3.0	2.0	2.0	3.0	3.5	3.0	6.0
28	3.5	3.5	3.0	3.0	4.0	3.0	2.0	4.0	3.5	3.0	3.5	4.0	3.0	4.5	3.5	4.5	4.5	2.5	3.0	3.0	4.0	4.5	4.0	4.5	3.5	4.5
29	2.5	3.0	4.0	2.5	2.0	.5	2.0	3.5	1.5	1.0	1.5	1.5	4.5	3.5	4.0	6.0	4.0	2.0	2.0	1.0	1.0	3.0	4.5	3.5	2.5	6.0
30	4.0	2.0	3.0	3.0	3.5	2.0	2.5	2.5	2.5	2.0	2.0	3.0	3.0	4.0	4.0	4.5	3.5	8.0	17.0	20.0	21.5	21.0	13.0	12.0	7.0	21.5
31	5.0	2.0	2.5	2.5	2.0	1.5	1.0	2.0	3.0	3.0	2.0	2.5	4.5	3.5	4.5	3.0	5.5	4.0	2.0	1.0	1.5	2.0	2.5	4.0	3.0	5.5
AV	4.0	3.5	3.5	3.0	3.0	3.0	3.0	3.0	2.5	2.5	2.0	2.3	3.0	4.0	4.0	4.5	4.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.0	[ ]
SD	3.7	4.6	3.4	1.5	1.1	1.1	.9	.8	.9	1.2	.9	1.1	1.3	1.5	1.6	2.1	1.9	1.5	3.0	3.8	4.0	3.5	2.4	2.4	1.0	[ ]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	355	270	125	345	50	270	50	325	300	240	215	215	270	215	215	300	315	20	90	190	325	300	340	15	15	
2	15	340	20	85	340	85	60	20	255	300	300	300	235	200	225	310	265	20	210	105	315	325	350	325	15	
3	350	295	330	270	60	15	350	305	30	290	270	280	285	210	225	300	40	0	280	105	255	150	335	45	[VA]	
4	30	90	20	350	85	20	45	80	180	320	270	215	240	210	150	20	35	35	60	75	325	330	300	335	2	
5	15	300	20	75	60	45	75	130	240	300	285	300	185	190	290	235	225	215	90	20	30	300	165	270	14	
6	65	355	50	80	60	165	45	50	45	350	280	300	190	230	270	285	270	180	75	230	185	175	175	180	[VA]	
7	200	215	200	270	345	245	45	240	20	60	135	165	310	270	245	285	315	270	300	270	265	230	245	245	[VA]	
8	340	30	35	45	45	45	55	60	55	55	50	20	310	300	300	5	45	45	60	50	20	75	75	185	3	
9	65	55	55	350	75	165	150	175	215	215	270	245	245	275	270	230	315	5	75	75	315	315	30	75	4	
10	15	105	20	345	20	0	0	50	270	300	345	270	325	315	325	335	335	290	270	260	170	245	270	275	[VA]	
11	245	265	245	285	270	260	270	285	45	260	345	325	300	225	235	290	275	255	215	300	300	30	285	0	13	
12	295	320	330	325	315	330	300	65	240	0	310	305	195	245	290	325	315	10	20	200	130	180	290	215	15	
13	270	30	65	185	215	50	10	30	110	270	315	285	270	270	270	215	135	345	60	210	225	340	45	20	13	
14	190	50	325	180	335	20	80	95	165	325	215	165	275	295	270	270	245	190	90	[VA]	225	40	195	280	[VA]	
15	215	15	345	30	60	255	350	30	325	270	180	190	245	270	255	275	0	70	10	75	50	0	335	70	1	
16	45	50	45	175	215	35	90	355	300	195	140	275	170	265	295	270	245	325	70	40	40	75	135	105	3	
17	40	20	70	40	45	65	5	15	170	165	245	250	255	230	290	275	260	65	20	120	350	130	190	45	3	
18	215	160	325	305	290	355	350	300	170	310	225	215	270	330	300	280	290	330	60	60	45	45	95	50	[VA]	
19	55	15	200	45	30	20	20	20	30	[PF]	[PF]	[PF]	[PF]	[PF]	40	45	35	45	60	65	340	45	55	60	3	
20	195	300	245	215	135	280	275	270	310	275	250	270	245	315	0	355	215	120	165	245	120	135	25	5	12	
21	350	65	65	315	320	125	345	245	215	230	285	270	150	190	155	160	270	60	110	160	325	230	255	330	[VA]	
22	190	340	270	60	110	110	270	45	20	270	215	270	245	255	195	240	135	325	190	325	350	15	325	140	13	
23	15	20	300	75	75	350	325	50	180	300	215	235	220	235	210	265	245	285	75	105	25	15	335	330	[VA]	
24	335	180	300	20	15	35	35	20	45	15	285	45	20	290	45	20	340	200	190	180	195	190	240	285	[VA]	
25	255	270	285	310	280	335	20	55	40	50	20	20	20	20	50	30	80	180	55	70	75	55	220	290	3	
26	275	315	335	45	30	30	195	20	25	20	45	305	185	185	185	180	270	355	0	240	235	215	270	245	2	
27	315	240	195	215	180	305	165	210	215	245	325	275	270	240	230	240	290	270	240	225	225	290	330	295	12	
28	330	330	245	255	255	215	345	180	240	255	215	245	285	225	210	205	205	195	185	205	185	185	215	260	10	
29	250	80	240	330	215	210	230	215	300	285	245	270	285	300	275	275	270	260	265	285	255	195	175	195	13	
30	215	215	195	185	240	200	150	285	115	285	190	230	215	215	245	250	205	190	215	215	195	215	215	215	[VA]	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	2	2	16	15	4	2	[VA]	3	3	[VA]	14	13	13	11	13	13	13	1	4	4	11	[VA]	16	13	13	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 7

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	220	195	205	185	190	175	195	185	250	110	0	20	355	250	275	310	260	350	10	0	315	345	35	310	[VA]	
2	10	300	140	345	10	305	285	305	330	265	265	225	270	265	310	305	225	225	290	30	295	310	0	200	14	
3	325	310	330	60	[VA]	150	105	340	220	[VA]	[VA]	225	275	280	290	265	235	240	215	330	200	290	210	280	[VA]	
4	330	215	120	190	270	85	240	[VA]	225	345	255	300	245	270	315	320	320	330	235	280	235	225	260	205	11	
5	55	240	325	250	340	285	55	350	280	255	265	320	245	275	245	260	225	285	45	5	215	275	310	240	[VA]	
6	335	295	0	300	235	55	80	225	10	45	200	255	270	285	230	325	0	350	200	300	340	225	235	215	11	
7	285	145	320	10	60	75	55	270	270	220	315	290	270	235	325	0	300	235	120	140	30	5	350	20	[VA]	
8	215	245	5	270	220	345	180	315	280	40	250	270	285	285	330	255	330	310	235	225	290	265	195	260	13	
9	30	45	210	225	345	250	195	175	155	300	20	225	265	260	255	275	200	175	245	230	260	345	230	160	11	
10	190	220	165	115	105	145	130	185	120	75	0	245	230	215	250	210	220	275	280	240	205	210	265	215	11	
11	235	245	285	195	200	350	225	205	285	320	260	265	245	255	255	210	235	205	235	170	170	40	40	255	[VA]	
12	235	205	210	45	45	0	250	200	185	85	175	200	185	175	185	180	190	205	205	200	195	170	155	130	[VA]	
13	130	170	180	260	245	195	190	220	175	190	220	190	200	230	185	180	220	0	270	230	305	330	250	5	9	
14	10	0	25	40	45	50	50	55	50	75	75	70	70	75	65	55	55	95	70	5	245	25	115	20	3	
15	30	20	60	75	70	60	80	145	35	255	250	45	245	245	225	265	235	220	185	200	70	155	35	25	4	
16	195	340	290	355	355	40	120	280	240	185	240	340	310	240	250	250	250	280	205	10	50	55	60	50	12	
17	35	75	65	[VA]	10	[VA]	75	75	110	215	315	220	260	275	250	235	235	345	30	225	240	40	40	15	[VA]	
18	180	45	80	85	75	350	105	100	245	250	255	240	255	230	235	210	340	65	70	20	155	200	120	270	[VA]	
19	320	340	30	95	65	80	70	60	55	85	295	205	270	255	250	215	295	205	245	20	85	75	275	95	4	
20	[VA]	90	[VA]	90	15	60	75	65	170	155	200	250	285	290	220	245	315	335	225	220	195	240	170	130	11	
21	315	75	250	235	135	55	60	55	270	120	300	245	250	245	260	280	345	300	245	270	285	205	210	190	13	
22	350	30	270	75	345	10	75	[VA]	270	240	255	275	230	255	230	215	260	210	95	105	280	190	15	10	12	
23	70	70	50	0	300	190	55	240	15	185	45	355	240	265	235	245	270	215	240	340	300	235	15	[VA]	12	
24	170	240	80	75	50	50	20	30	90	200	210	290	300	285	250	310	310	235	305	55	335	270	225	280	14	
25	255	235	235	320	260	355	245	300	270	245	215	325	300	255	275	250	285	290	255	240	310	0	330	255	12	
26	310	315	210	215	320	275	265	195	315	245	285	260	270	260	320	270	300	310	270	290	15	220	320	210	13	
27	300	15	75	225	195	335	295	180	230	35	220	180	210	245	225	215	275	35	30	330	330	250	235	235	11	
28	225	225	275	290	310	330	310	290	335	10	210	240	230	275	190	255	310	60	80	50	305	165	100	315	15	
29	75	105	255	340	295	80	105	55	80	295	325	240	245	270	235	275	275	215	195	90	80	[VA]	[VA]	45	13	
30	90	165	315	210	330	45	5	20	270	240	295	210	290	310	285	215	210	190	200	285	25	45	60	55	14	
31	50	50	25	20	10	350	315	240	210	215	220	270	265	290	330	0	0	0	35	40	45	35	30	55	3	
PV	15	11	[VA]	4	16	[VA]	4	10	12	[VA]	12	12	13	13	12	12	11	10	11	1	15	11	3	3	12	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 14 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	35	90	65	65	70	55	30	270	270	285	270	340	70	60	45	340	0	55	75	95	80	80	300	30	4	
2	240	55	270	30	150	210	180	215	190	190	150	135	175	105	165	80	255	215	210	180	245	230	325	150	9	
3	265	240	270	320	140	105	215	200	135	165	285	270	265	240	225	230	235	330	105	210	215	280	255	210	11	
4	275	255	270	125	210	190	165	230	165	215	165	245	285	325	290	220	240	330	160	190	175	190	165	90	9	
5	230	220	80	165	185	165	190	75	185	215	225	270	240	225	310	270	270	295	210	270	240	200	330	90	11	
6	225	270	165	105	240	180	240	270	190	270	220	300	295	285	240	230	215	250	300	270	185	235	255	315	12	
7	300	105	120	165	185	215	190	220	135	190	190	215	285	305	15	290	220	165	135	135	185	240	215	190	9	
8	190	135	230	250	275	255	205	215	[PF]	250	260	250	255	270	235	315	265	245	185	255	165	165	185	180	12	
9	270	50	120	105	165	215	105	255	215	150	235	190	240	270	240	245	255	260	260	240	230	215	245	215	12	
10	275	210	270	165	230	170	285	165	215	240	165	220	215	215	200	195	175	215	165	190	160	135	210	185	10	
11	270	215	300	310	165	255	165	190	105	135	135	315	255	220	235	225	230	190	165	100	210	200	215	220	[VA]	
12	230	105	175	215	245	210	220	180	245	220	270	245	250	255	255	245	210	190	235	250	275	180	235	225	11	
13	255	255	255	160	140	215	180	310	290	215	135	175	215	215	255	215	270	165	200	315	105	190	200	150	11	
14	185	100	165	90	135	290	90	90	165	240	210	225	235	275	240	250	265	215	195	105	185	285	165	135	12	
15	270	165	45	190	15	100	220	190	190	230	245	260	285	275	260	250	275	230	290	220	190	215	285	305	13	
16	220	185	300	165	115	190	240	105	[VA]	195	245	255	270	275	270	255	250	255	330	225	215	175	125	200	12	
17	50	170	240	70	95	120	135	80	80	165	205	245	250	250	240	255	210	230	245	70	255	135	90	70	12	
18	215	270	215	90	215	165	[VA]	[VA]	55	165	185	215	280	240	215	215	220	235	225	195	210	90	135	140	[VA]	
19	150	60	145	105	255	225	210	205	150	225	250	275	260	200	325	330	275	240	165	165	190	150	210	105	8	
20	310	215	90	165	95	90	125	105	120	150	[VA]	255	300	270	265	265	255	260	215	170	180	255	350	55	12	
21	100	350	120	65	70	95	65	80	80	130	180	260	280	295	270	250	240	225	340	135	65	75	70	165	5	
22	90	100	85	70	75	90	90	60	90	135	120	195	200	280	320	310	240	300	335	305	215	75	135	340	5	
23	65	85	85	80	30	80	190	30	90	180	330	260	255	240	230	315	270	250	325	265	210	270	225	135	13	
24	105	100	265	320	225	240	165	125	225	205	235	255	240	315	275	265	225	240	195	215	210	190	105	130	11	
25	140	165	190	175	255	165	120	30	30	35	15	45	165	190	235	320	345	330	310	150	185	195	200	180	9	
26	240	255	240	335	80	135	50	15	15	240	15	345	10	20	0	270	245	10	235	230	20	15	75	90	2	
27	50	75	40	70	45	90	55	95	50	225	[VA]	235	305	300	270	305	275	230	245	350	355	45	70	50	3	
28	13	[VA]	225	70	45	45	55	50	215	270	230	265	270	240	270	240	285	300	200	250	25	60	75	80	[VA]	
29	25	20	85	70	75	55	80	45	105	140	20	300	225	285	290	245	260	280	200	185	170	65	85	45	3	
30	75	80	70	55	80	90	30	75	40	250	270	10	245	270	315	290	250	325	40	60	60	55	60	45	4	
31	40	75	300	70	300	320	285	30	40	30	15	240	270	275	240	290	285	315	10	30	120	10	20	80	[VA]	
PV	[VA]	12	13	4	5	11	9	5	9	[VA]	11	12	13	[VA]	12	12	12	12	[VA]	12	9	9	11	9	12	

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 8

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10.0	6.0	4.0	3.5	2.5	3.0	4.5	5.0	5.0	3.5	5.0	4.0	3.0	6.0	4.5	5.0	5.5	5.0	4.0	5.5	8.0	5.5	5.0	3.5	5.0	10.0
2	2.0	2.5	4.0	4.0	5.5	3.0	3.0	3.0	2.0	3.0	4.0	5.0	5.5	5.5	4.0	3.5	4.5	5.0	5.5	5.5	3.5	6.5	7.5	6.0	4.5	7.5
3	5.0	3.5	3.5	3.0	2.5	5.5	5.5	3.5	2.5	2.5	4.5	5.0	6.0	5.0	3.5	6.0	7.5	4.0	3.0	2.0	3.5	2.0	3.0	1.5	4.0	7.5
4	2.5	2.5	2.5	3.0	4.0	2.5	4.0	2.5	3.0	3.0	3.0	4.0	4.0	5.0	5.0	4.5	4.5	2.5	2.5	4.0	2.5	3.0	2.5	6.0	3.5	6.0
5	2.5	2.5	2.0	3.0	4.0	3.0	2.5	2.0	2.0	3.0	6.0	7.0	6.5	5.5	5.5	5.5	3.5	2.0	2.0	3.5	3.0	2.0	3.5	6.0	3.5	7.0
6	3.5	2.5	2.5	2.5	3.5	2.5	3.0	3.0	5.5	4.0	3.0	7.0	4.5	9.0	12.0	11.5	6.0	3.0	10.0	11.5	10.0	9.5	12.0	11.5	6.5	12.0
7	12.0	11.0	10.5	8.5	7.0	5.5	8.0	12.5	12.0	8.5	7.0	6.5	8.0	10.5	20.5	19.0	11.0	14.5	11.0	9.0	8.5	7.5	6.0	5.0	10.0	20.5
8	2.5	4.5	5.0	7.5	13.0	12.5	14.5	12.5	13.0	4.0	4.5	7.0	6.0	4.5	4.0	4.5	3.0	8.5	11.5	12.5	12.0	5.5	11.5	9.0	8.0	14.5
9	9.0	13.0	13.5	16.0	16.0	10.0	5.5	9.0	8.5	8.5	6.0	5.5	4.5	9.0	7.0	6.5	3.5	3.5	5.5	5.0	5.5	6.5	4.0	2.0	7.5	16.0
10	6.0	4.5	4.0	7.5	4.5	2.0	1.5	2.0	2.5	6.5	10.0	10.5	15.0	10.0	8.5	8.5	7.0	13.0	13.5	16.0	11.5	8.0	7.5	9.0	8.0	16.0
11	10.5	10.5	6.5	8.0	4.5	12.5	15.0	12.5	7.5	6.5	6.0	6.0	5.5	13.0	10.5	8.5	10.5	10.5	6.5	7.5	7.0	4.5	6.0	4.5	8.5	15.0
12	5.0	2.5	2.0	2.5	3.0	2.0	3.0	3.5	2.5	3.0	5.0	3.5	4.0	6.0	8.0	4.0	4.5	5.0	5.0	4.0	2.5	2.5	4.0	5.5	4.0	8.0
13	2.5	4.0	2.5	2.0	3.0	1.5	2.5	3.0	2.0	3.0	5.5	6.0	7.0	6.5	4.0	3.0	4.0	4.0	2.5	3.5	3.5	2.0	2.5	2.0	3.5	7.0
14	3.0	2.0	1.5	1.5	3.0	2.0	2.0	2.0	2.0	3.5	5.5	6.5	7.0	7.5	5.0	5.5	3.0	3.0	2.5	3.5	3.5	3.5	3.0	2.0	3.5	7.5
15	4.5	3.0	3.5	3.0	1.5	2.5	4.0	4.5	2.5	3.5	5.5	5.5	6.5	6.0	4.5	5.0	7.0	3.5	4.5	2.0	3.0	3.0	3.5	3.5	4.0	7.0
16	3.0	2.0	2.5	3.5	3.0	3.0	4.0	3.5	2.5	3.5	3.5	6.0	8.0	8.5	5.0	3.0	3.5	2.0	5.5	6.0	5.5	5.5	4.0	4.0	4.0	8.5
17	3.0	2.0	2.5	4.0	2.0	1.5	2.0	1.0	2.5	4.0	[RF]	[RF]	5.5	[RF]	5.5	4.0	5.5	4.0	3.5	4.0	3.0	5.5	2.5	2.5	3.5	5.5
18	4.5	4.0	5.5	5.5	5.5	2.5	[RF]	1.0	3.0	3.5	7.5	4.0	5.5	5.5	[RF]	[RF]	4.0	5.0	[RF]	[RF]	[RF]	[RF]	[RF]	2.5	4.5	7.5
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	16.0	[PF]	[PF]	[PF]	[PF]	[PF]	[RF]	[RF]	[RF]	17.0	18.0	18.5	11.5	5.0	6.5	13.0	18.5
20	3.5	6.5	7.0	5.5	5.5	2.0	5.5	2.5	2.0	3.5	3.0	5.0	3.5	4.5	5.5	[RF]	2.5	[RF]	[RF]	2.5	2.0	[RF]	[RF]	2.5	4.0	7.0
21	2.0	4.0	7.0	4.5	4.5	1.5	1.5	2.0	2.0	2.5	4.0	4.5	3.5	4.0	3.5	3.5	4.0	5.5	5.5	5.5	3.5	6.5	2.5	2.0	3.5	7.0
22	2.0	2.0	3.5	2.5	2.5	3.5	3.0	4.0	2.5	1.5	3.0	5.5	5.5	5.5	3.5	2.0	5.5	3.5	4.0	8.0	4.5	4.5	4.5	2.0	3.5	8.0
23	2.5	3.5	5.5	5.5	2.5	4.0	3.5	5.0	3.5	3.5	2.5	5.5	5.5	3.5	3.5	4.5	3.5	1.0	1.5	2.0	4.5	5.0	4.0	5.0	4.0	5.5
24	7.0	9.5	9.0	7.0	4.5	4.5	7.0	6.0	3.0	6.5	8.5	4.0	4.0	4.5	6.0	9.5	9.0	9.5	9.5	10.0	11.5	10.5	7.5	4.5	7.0	11.5
25	7.0	6.5	15.5	17.0	9.5	10.0	11.5	10.0	10.5	15.5	16.0	12.5	16.5	15.0	12.5	13.0	13.5	12.5	11.0	5.5	9.0	8.0	8.5	7.5	12.5	10.5
26	6.5	8.0	10.5	8.0	9.5	12.5	14.5	13.0	12.5	11.0	7.5	18.0	17.0	17.0	18.5	19.5	13.5	8.5	4.0	3.5	3.0	1.5	2.5	3.5	10.0	19.5
27	3.0	3.0	3.0	3.5	3.5	2.5	3.0	2.0	2.0	2.5	4.5	6.0	5.0	4.5	3.5	2.5	3.5	3.0	2.5	3.0	3.5	3.0	2.0	2.5	3.0	6.0
28	3.0	2.0	3.5	2.5	3.0	2.5	2.5	5.0	11.0	10.5	9.5	13.5	19.0	27.5	34.0	28.5	27.0	26.0	24.5	25.5	23.5	21.0	23.0	25.0	15.5	34.0
29	22.5	13.0	3.0	4.0	14.0	10.5	9.0	7.0	6.0	10.0	15.0	20.0	15.0	18.5	16.5	17.0	20.5	17.0	19.0	21.5	14.5	12.5	13.0	11.5	14.0	22.5
30	14.0	16.5	12.5	15.5	16.0	17.0	11.0	11.5	9.5	11.5	14.5	17.0	18.5	19.5	18.5	17.0	17.5	14.5	17.0	18.5	13.0	11.0	11.5	8.5	14.5	19.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	6.5	7.5	8.0	9.0	8.5	8.5	7.5	7.0	7.5	8.0	7.0	6.5	6.0	5.5	6.5	[ ]
SD	4.5	3.9	3.7	4.1	4.1	4.8	4.1	4.4	4.3	3.9	3.6	4.4	4.8	5.7	7.0	6.5	5.6	5.7	5.9	6.2	5.2	4.2	4.5	4.6	3.8	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	11.0	9.5	16.5	15.0	14.5	11.0	14.5	14.5	14.0	11.0	13.0	16.5	15.0	18.0	14.5	6.5	6.5	6.5	8.0	9.0	10.5	8.0	9.5	7.0	11.5	18.0
2	2.5	2.5	2.5	1.5	6.5	4.0	3.0	3.0	3.0	5.0	4.0	2.5	5.0	4.5	7.0	5.0	3.0	2.5	3.0	2.0	3.0	2.5	2.5	3.0	3.5	7.0
3	3.0	2.0	1.5	2.5	3.0	3.5	2.5	2.0	4.0	2.5	3.5	5.5	5.5	5.0	5.0	3.5	1.5	2.0	2.0	2.0	3.0	3.0	1.5	2.0	3.0	5.5
4	2.5	2.5	2.5	4.0	2.0	2.5	2.0	2.5	1.5	2.5	4.5	4.5	4.0	6.5	5.5	4.5	4.0	4.5	2.5	2.0	2.5	3.0	2.0	3.0	3.0	6.5
5	2.0	5.0	3.5	2.5	3.5	3.5	2.5	4.0	3.5	4.5	5.5	7.0	2.5	4.5	3.5	4.5	3.5	3.0	3.5	2.5	2.5	4.0	2.5	3.5	3.5	7.0
6	4.5	6.5	6.0	6.0	2.5	2.5	2.5	2.5	3.5	2.5	2.5	3.0	6.0	6.0	5.5	5.5	3.5	1.5	1.5	2.5	2.0	4.5	2.5	3.5	3.5	6.5
7	4.5	2.5	5.0	6.0	3.5	2.0	2.5	5.0	3.5	3.5	4.5	4.0	4.0	2.0	5.0	5.5	1.5	2.5	2.5	2.5	2.5	2.5	4.0	6.0	3.5	6.0
8	5.0	8.0	5.5	4.0	6.0	3.0	6.0	4.5	3.0	3.5	4.0	5.5	3.5	6.0	5.5	3.0	2.0	2.0	2.5	3.5	6.0	3.5	3.0	4.0	4.5	8.0
9	3.5	5.5	5.0	2.5	2.5	2.5	2.5	3.0	2.5	3.0	2.5	4.5	3.5	3.0	3.0	3.5	2.0	2.5	1.5	1.5	2.5	3.0	3.0	2.5	3.0	5.5
10	2.0	1.5	1.0	2.0	1.5	2.0	2.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.0	2.5	2.0	2.0	2.5	2.0	1.5	1.5	1.5	2.0	2.5
11	1.0	1.5	2.0	1.5	1.5	2.0	2.0	1.5	2.0	2.5	2.5	3.0	2.0	3.0	6.0	3.0	4.0	3.5	2.5	2.0	3.5	5.5	3.5	3.5	2.5	6.0
12	3.0	2.0	2.5	3.0	3.0	3.5	3.0	4.0	2.5	12.0	20.0	22.5	22.0	20.5	21.5	22.0	19.0	21.0	20.0	16.5	16.0	14.0	7.5	11.0	12.0	22.5
13	9.0	10.5	13.0	16.5	8.5	8.5	7.5	9.0	11.0	18.5	22.0	25.0	23.0	17.0	19.0	20.0	12.0	4.5	12.0	6.0	8.5	8.0	6.0	3.5	12.5	25.0
14	6.5	9.0	9.0	13.0	17.5	19.5	17.5	18.0	19.5	19.5	21.0	19.0	16.5	11.0	8.0	6.5	5.0	5.5	3.5	2.0	4.5	9.5	6.0	6.0	11.5	21.0
15	3.5	5.5	3.5	2.0	2.0	2.0	2.5	3.5	3.5	2.0	1.5	3.5	2.0	2.5	2.5	4.0	3.0	1.5	2.0	2.0	4.5	4.5	3.5	3.5	3.0	5.5
16	4.5	6.5	4.0	3.0	4.0	3.0	3.0	5.0	4.0	2.5	3.0	3.0	3.0	3.0	3.0	2.5	2.5	3.0	4.0	3.5	4.5	5.0	3.0	3.5	3.5	6.5
17	1.5	2.0	4.0	3.0	3.5	3.0	2.0	2.5	3.0	3.0	3.0	3.0	3.0	4.5	4.5	2.0	4.5	3.0	2.5	1.0	2.5	2.0	1.5	1.5	3.0	4.5
18	3.0	3.0	2.5	2.5	3.0	1.5	2.0	2.5	2.0	2.0	3.5	4.0	3.5	2.5	2.5	2.5	3.5	4.5	4.5	4.5	3.0	1.5	1.0	1.5	3.0	4.5
19	1.5	2.0	1.5	1.0	2.0	2.0	2.5	1.5	2.5	2.0	2.5	3.5	4.0	3.5	4.0	4.0	4.0	2.5	4.0	1.5	2.0	3.5	2.5	4.5	2.5	4.5
20	3.0	3.5	3.0	1.5	1.0	1.5	1.5	2.0	3.5	3.5	3.5	2.5	3.5	4.5	3.0	3.0	3.0	3.0	3.0	3.0	2.5	3.0	2.5	2.0	3.0	4.5
21	4.0	2.0	3.5	3.5	2.0	2.5	3.0	3.0	3.5	3.5	2.5	4.0	4.5	4.0	4.0	5.0	4.0	4.5	3.0	4.0	3.5	1.5	2.0	3.5	3.5	5.0
22	2.5	3.0	2.5	2.0	1.5	4.0	3.0	3.5	4.0	3.0	2.5	4.0	3.5	3.0	3.0	3.0	1.0	3.5	1.5	1.0	2.5	2.0	1.0	1.5	2.5	4.0
23	1.0	2.5	2.0	3.5	2.5	2.0	3.5	3.5	2.5	2.0	5.0	4.0	3.5	5.5	4.5	2.0	2.5	3.5	3.5	4.5	3.5	3.5	3.0	2.0	3.0	5.5
24	3.5	2.5	1.5	2.5	2.0	4.5	4.5	4.0	3.0	2.5	1.5	3.0	7.0	6.0	5.5	7.0	4.5	3.0	4.5	3.0	3.0	2.0	3.5	3.5	3.5	7.0
25	2.5	2.0	2.5	6.0	4.0	5.5	3.5	4.0	4.0	3.0	3.0	6.5	5.0	3.0	4.0	3.5	4.5	5.0	3.0	2.0	3.0	2.0	3.0	4.5	3.5	6.5
26	2.5	3.0	2.5	2.5	3.0	3.0	3.5	2.5	2.5	3.5	3.5	3.5	3.0	4.0	5.0	3.0	4.5	4.5	2.5	3.0	6.0	11.5	6.0	4.5	4.0	11.5
27	6.0	5.5	4.0	4.0	3.5	4.5	3.5	2.5	8.0	11.0	7.5	6.5	10.5	5.5	4.5	10.0	9.0	12.5	13.0	8.5	10.0	6.5	2.0	3.5	7.0	13.0
28	4.0	4.0	3.0	2.0	3.0	3.0	2.5	4.0	2.0	2.5	3.0	5.0	6.0	4.0	2.0	4.0	3.0	4.0	3.0	9.0	4.0	4.0	3.5	4.0	3.5	9.0
29	2.5	2.0	3.5	2.0	1.5	1.5	2.0	2.0	2.5	2.5	3.5	5.0	5.5	5.0	4.5	4.5	2.5	1.0	2.0	2.0	1.5	2.0	2.0	4.0	3.0	5.5
30	4.5	2.5	2.5	3.5	4.5	4.5	6.0	6.0	3.5	2.0	4.5	4.0	5.0	7.5	9.5	4.5	8.5	11.5	12.5	7.0	6.5	6.5	11.5	15.0	6.5	15.0
31	16.0	15.5	9.0	4.0	5.0	5.0	6.0	5.5	4.5	4.0	5.5	6.5	7.5	7.5	9.5	9.5	8.0	13.5	19.5	16.5	11.5	17.5	15.0	11.0	9.5	19.5
AV	4.0	4.5	4.0	4.0	4.0	4.0	4.0	4.5	4.5	4.5	5.5	6.5	6.5	6.0	6.0	5.5	4.5	5.0	5.0	4.5	4.5	5.0	4.0	4.5	4.5	[ ]
SD	3.0	3.2	3.4	3.7	3.6	3.5	3.5	3.5	3.8	4.6	5.5	5.8	5.4	4.5	4.5	4.5	3.6	4.2	4.9	3.9	3.3	3.8	3.1	3.0	3.1	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	7.5	7.5	12.5	17.0	15.5	14.5	14.0	13.5	11.5	7.0	3.5	6.5	8.5	6.5	5.5	2.5	2.0	2.0	4.0	4.0	2.5	3.0	2.5	2.0	7.5	17.0
2	4.0	8.5	3.5	3.0	2.5	4.0	3.5	2.5	3.0	2.0	3.0	4.5	4.5	4.5	7.0	6.0	3.0	3.0	5.0	2.5	1.5	6.0	3.0	3.5	4.0	8.5
3	4.0	2.5	2.0	2.5	1.0	1.0	1.5	2.5	3.5	2.0	5.0	3.0	3.0	6.0	3.5	2.0	1.5	2.0	1.5	2.5	2.5	4.0	2.5	3.0	2.5	6.0
4	3.5	2.5	1.0	2.5	1.5	1.5	3.0	3.0	3.0	4.5	4.0	4.0	7.0	5.0	4.5	1.5	2.0	2.0	1.5	2.0	2.5	2.5	2.5	1.5	3.0	7.0
5	3.0	2.5	2.0	2.0	2.5	4.5	2.5	3.0	3.0	2.5	2.0	3.0	3.5	2.5	4.5	3.0	3.0	3.5	3.5	4.5	4.0	6.0	4.0	5.0	3.5	6.0
6	4.0	4.5	4.0	3.5	3.5	7.5	13.0	9.0	4.0	[PF]	5.5	8.0	10.0	8.5	6.5	3.5	4.0	5.0	3.5	4.0	6.5	11.5	10.0	11.5	6.5	13.0
7	12.0	10.5	9.5	8.5	8.5	7.5	2.5	4.0	3.5	2.5	3.5	4.0	2.0	1.5	1.5	3.5	2.5	6.0	4.0	3.5	8.0	6.5	5.0	2.5	5.0	12.0
8	2.0	1.5	2.0	3.0	4.0	1.5	2.0	3.0	2.0	2.5	3.0	3.0	2.5	3.0	3.5	4.0	3.0	2.0	1.5	2.0	2.5	1.5	2.0	2.5	2.5	4.0
9	2.5	1.5	1.5	2.0	2.5	1.5	2.0	2.5	3.0	3.5	2.5	3.5	2.5	4.0	3.0	4.0	3.0	3.0	3.0	3.5	3.5	3.5	3.5	3.0	3.0	4.0
10	3.0	2.5	2.5	2.0	5.5	5.0	3.0	4.5	3.5	4.0	2.5	2.0	6.5	9.0	8.0	8.5	9.0	9.5	8.0	8.5	11.5	11.0	10.0	8.0	6.0	11.5
11	4.0	3.5	4.0	5.5	3.0	5.0	4.0	4.5	4.5	2.5	1.5	5.0	3.5	4.0	1.5	2.5	5.0	4.5	1.5	2.5	2.5	3.0	2.5	3.0	3.5	5.5
12	4.0	4.5	3.0	4.0	3.5	3.5	4.5	2.5	4.0	4.0	2.5	4.0	3.0	4.5	6.0	4.5	8.5	12.0	14.0	14.5	13.5	8.0	7.5	11.0	6.5	14.5
13	23.0	23.0	17.0	10.5	9.0	4.5	4.0	4.0	6.0	4.0	2.5	5.5	7.5	7.5	5.5	2.5	2.0	3.5	5.5	5.5	5.0	2.5	3.0	2.5	7.0	23.0
14	3.0	3.5	4.0	6.0	4.0	3.0	5.5	4.5	1.5	3.5	2.5	3.0	2.5	4.5	2.5	3.0	3.0	4.5	3.5	4.0	4.0	4.5	4.5	5.5	4.0	6.0
15	4.5	4.0	3.5	4.0	4.5	3.5	4.5	3.5	6.5	3.0	4.5	3.5	5.5	3.5	4.0	3.0	2.5	4.5	3.5	3.0	3.5	5.5	7.5	4.5	4.0	7.5
16	3.0	3.0	3.0	3.0	3.5	5.5	3.5	3.5	2.0	3.0	3.0	3.0	3.5	4.0	2.5	2.0	2.5	4.0	3.5	3.0	4.0	3.0	1.5	3.0	3.0	5.5
17	4.0	3.5	2.5	3.0	2.0	1.0	2.5	2.0	3.0	2.0	2.5	4.5	5.0	4.0	2.5	2.5	2.0	1.0	4.0	1.0	2.5	1.5	1.0	1.5	2.5	5.0
18	2.5	2.0	2.0	2.0	2.5	2.5	3.5	2.0	2.0	3.5	3.0	3.5	4.0	4.0	4.0	9.0	12.0	7.5	4.0	3.0	5.5	19.5	18.0	22.0	6.0	22.0
19	10.0	20.5	20.0	13.5	9.0	3.0	4.5	4.5	3.5	2.5	2.5	4.5	6.5	8.5	7.5	9.5	6.0	4.5	2.0	6.0	2.5	2.0	2.5	2.5	7.0	20.5
20	3.5	2.5	1.0	1.5	3.5	3.5	2.0	2.0	2.5	2.0	2.5	4.0	5.0	4.5	5.0	5.5	3.0	2.0	2.0	1.5	2.0	2.0	1.5	4.0	3.0	5.5
21	2.5	4.0	2.5	4.5	1.5	2.0	2.5	3.0	3.5	2.5	3.0	3.0	4.0	4.0	4.5	5.0	1.5	2.5	2.5	1.5	2.5	2.0	1.5	2.0	3.0	5.0
22	3.5	2.0	2.0	3.0	2.0	2.5	2.0	1.5	1.5	2.0	1.5	2.0	3.5	5.5	7.0	5.0	2.0	3.0	2.0	2.5	1.5	2.5	3.5	4.5	3.0	7.0
23	2.0	3.5	3.0	2.0	2.0	3.0	4.0	3.0	3.5	3.5	6.0	4.5	3.5	3.0	3.0	3.0	4.5	4.5	4.5	2.5	2.5	3.5	6.0	6.5	3.5	6.5
24	3.0	3.0	4.5	3.5	2.5	3.5	3.0	4.0	4.0	5.5	5.5	8.5	5.0	5.0	4.0	3.0	2.5	5.0	4.0	6.5	7.5	4.0	5.0	3.5	4.5	8.5
25	6.5	6.0	8.0	8.0	9.0	8.5	4.0	2.0	5.5	5.0	6.5	6.0	4.5	6.5	5.5	12.5	3.5	3.0	6.0	7.0	2.0	2.0	5.5	5.5	6.0	12.5
26	7.0	9.0	11.5	11.5	9.5	9.5	11.5	11.5	6.5	3.0	4.5	1.5	6.5	5.5	5.5	4.0	4.5	6.0	4.5	6.5	4.5	4.5	5.5	4.0	6.5	11.5
27	6.0	3.0	4.5	5.5	3.0	3.5	3.0	2.5	2.0	3.0	3.5	4.0	5.5	5.5	3.5	6.0	5.0	2.0	2.5	3.0	1.5	2.5	3.5	4.0	3.5	6.0
28	3.5	3.5	5.5	5.0	5.0	5.5	4.0	3.0	3.5	5.0	2.5	4.5	3.5	4.0	2.5	4.5	3.0	4.0	3.5	10.0	4.5	4.0	5.5	4.0	4.5	10.0
29	4.0	4.5	6.0	3.0	2.5	6.0	4.5	2.5	3.0	2.5	3.5	7.0	3.5	5.5	6.5	3.5	4.0	2.0	2.0	2.0	2.5	1.5	3.0	3.5	3.5	7.0
30	3.5	2.0	3.0	2.5	2.0	2.5	2.5	3.0	4.5	5.0	4.0	4.5	4.0	5.5	4.0	6.0	4.0	15.5	20.0	31.0	28.5	24.5	23.5	10.5	9.0	31.0
31	3.0	3.0	4.5	4.5	5.5	4.0	3.0	3.0	3.5	3.5	2.5	4.5	5.5	5.0	6.0	3.5	5.0	5.0	3.0	2.0	2.0	2.5	2.0	3.5	3.5	6.0
AV	5.0	5.0	5.0	5.0	4.5	4.5	4.0	4.0	4.0	3.5	3.5	4.5	4.5	5.0	4.5	4.5	4.0	4.5	4.5	5.0	5.0	5.0	5.0	5.0	4.5	[ ]
SD	4.5	4.9	4.5	3.7	3.2	2.8	3.0	2.6	1.9	1.2	1.3	1.6	1.9	1.7	1.7	2.5	2.3	3.0	3.7	5.5	5.1	5.1	4.7	4.0	1.7	[ ]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	95	355	215	80	10	195	180	170	190	265	320	285	320	295	355	335	305	5	110	180	155	140	330	10	1	
2	200	145	340	280	185	105	310	5	305	250	245	325	330	340	345	325	325	15	80	180	200	165	165	155	16	
3	165	170	55	350	40	180	130	15	15	280	300	340	330	325	335	5	330	300	230	60	125	330	30	170	16	
4	215	185	230	345	80	275	10	100	190	255	290	325	320	320	345	20	345	25	265	185	185	185	205	160	[VA]	
5	185	40	330	40	50	315	330	40	160	335	315	330	330	340	310	310	290	235	305	295	15	190	155	175	15	
6	140	185	340	230	10	30	130	270	345	35	295	330	315	285	280	285	285	190	165	175	170	155	170	180	9	
7	180	175	170	175	165	190	175	175	180	270	340	350	310	275	245	240	310	325	310	290	255	225	260	245	9	
8	115	115	350	95	105	95	90	85	95	220	245	290	290	320	355	65	105	80	90	50	65	15	95	120	5	
9	110	100	100	90	85	130	140	155	170	255	315	290	255	270	270	305	315	25	100	135	170	150	185	80	5	
10	200	195	220	185	145	310	330	60	355	200	280	270	260	300	280	325	125	280	275	275	185	205	275	295	13	
11	280	275	280	275	260	255	260	260	0	305	305	335	280	250	265	265	275	260	220	155	160	180	160	150	13	
12	165	255	45	70	205	90	340	355	195	310	330	265	240	225	320	355	325	340	340	265	175	100	160	165	16	
13	125	335	15	45	350	300	190	25	330	295	330	325	320	320	335	315	100	10	315	200	165	170	5	335	16	
14	245	150	305	240	180	165	40	355	200	240	330	330	320	325	315	310	265	235	15	110	230	30	335	145	16	
15	170	100	150	110	25	290	170	350	225	290	345	345	325	320	325	325	330	30	185	275	160	155	335	15	15	
16	15	225	235	145	255	190	130	5	5	320	330	325	335	320	320	350	355	0	155	175	180	165	150	170	1	
17	0	325	310	0	25	305	225	265	200	295	325	320	310	330	320	350	355	35	240	330	300	345	15	30	15	
18	235	170	170	140	135	310	10	20	[RF]	[RF]	[RF]	310	[RF]	[RF]	340	300	285	[RF]	75	[VA]	75	60	45	60	[VA]	
19	[RF]	[PF]	15	[RF]	[RF]	345	0	350	5	5	[PF]	[PF]	[PF]	[PF]	[PF]	10	[VA]	50	[RF]	[RF]	45	50	35	[RF]	1	
20	270	75	300	[RF]	[RF]	[RF]	[RF]	[RF]	195	250	300	320	255	45	345	330	45	95	270	0	220	30	[RF]	165	14	
21	215	45	300	[VA]	305	15	215	255	275	305	310	315	325	0	[RF]	315	5	130	115	240	150	145	345	[VA]	15	
22	260	40	350	5	10	135	340	30	190	280	345	315	330	310	345	340	315	300	215	185	195	240	270	15	16	
23	60	120	[VA]	280	240	180	145	300	15	225	330	340	340	225	230	295	295	110	95	300	130	85	115	175	14	
24	165	160	150	145	150	105	175	170	155	190	195	295	5	300	215	200	230	200	190	185	190	185	210	250	9	
25	250	250	285	345	290	320	30	60	50	30	10	15	5	20	55	75	70	100	105	170	140	165	170	160	2	
26	175	165	190	180	180	165	165	175	175	190	225	200	180	185	185	180	185	200	240	310	30	130	300	320	9	
27	350	325	175	185	140	55	15	340	230	245	330	330	325	335	355	300	25	35	10	210	230	320	325	325	16	
28	315	335	220	130	350	315	135	100	155	270	225	160	205	210	205	210	200	195	190	190	185	185	180	185	[VA]	
29	185	190	15	275	180	165	150	210	270	295	270	280	210	295	309	300	290	265	250	265	255	165	170	175	13	
30	195	200	195	195	200	195	185	180	160	180	215	215	220	215	220	220	190	190	190	195	190	210	215	235	10	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	9	9	9	[VA]	9	[VA]	[VA]	1	9	13	15	15	16	15	16	15	15	2	5	9	8	8	9	8	15	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	205	200	190	200	200	195	175	175	165	180	190	195	200	205	215	310	190	235	190	170	190	185	190	180	10	
2	200	205	175	140	185	175	345	345	355	345	320	295	320	325	325	310	255	230	290	0	285	180	345	15	15	
3	245	170	320	10	40	200	195	45	185	255	315	325	325	325	320	310	340	25	155	335	25	345	355	10	16	
4	20	30	200	165	45	0	35	230	30	15	325	350	320	325	335	320	320	350	25	50	220	255	165	45	2	
5	300	295	340	330	285	340	330	345	275	270	215	335	275	325	330	335	200	210	330	330	170	340	255	230	16	
6	230	295	270	230	330	300	[VA]	10	5	345	340	300	310	320	315	315	325	330	350	300	340	225	220	265	15	
7	355	345	235	355	5	0	190	200	160	150	300	335	310	330	320	330	305	210	[VA]	210	280	345	340	350	16	
8	270	175	245	250	300	340	175	265	180	230	215	315	335	335	340	210	340	335	275	170	135	15	310	150	16	
9	340	35	30	345	180	135	355	310	45	300	0	340	330	330	335	350	185	130	225	220	345	10	0	330	[VA]	
10	310	255	240	260	50	340	305	190	325	235	305	305	310	275	315	340	225	325	20	355	225	330	15	40	16	
11	160	290	15	40	130	25	335	150	185	330	235	340	260	300	340	205	320	160	305	130	160	180	350	330	[VA]	
12	345	310	145	110	345	15	0	355	135	175	185	190	185	190	195	190	200	195	195	200	195	195	175	175	[VA]	
13	180	165	170	170	200	170	170	165	170	185	195	200	200	215	200	180	200	330	235	250	295	305	280	295	[VA]	
14	335	345	40	70	65	65	75	80	80	85	90	95	90	75	85	80	130	105	10	165	165	170	175	135	[VA]	
15	85	45	340	15	175	235	310	340	150	210	275	285	260	295	335	350	5	340	30	170	20	180	340	10	16	
16	345	170	30	320	340	270	35	10	20	295	235	305	325	25	110	10	210	70	285	90	95	125	130	230	15	
17	295	350	140	25	300	15	225	180	250	335	185	280	325	325	325	280	185	345	330	340	215	355	225	205	[VA]	
18	165	335	355	355	5	145	125	155	125	335	355	340	310	305	345	220	15	55	175	225	325	280	340	5	16	
19	100	150	145	195	25	15	15	10	200	230	330	320	335	310	315	310	350	290	165	45	240	5	0	185	1	
20	355	350	0	30	150	165	220	320	10	0	335	290	335	330	300	275	350	35	340	300	175	210	225	165	[VA]	
21	165	165	180	175	100	35	230	5	340	80	345	330	335	25	250	210	340	355	320	225	335	20	180	165	16	
22	190	200	235	15	150	25	25	215	215	315	275	300	300	315	330	355	330	185	5	270	210	255	225	135	11	
23	0	285	155	335	70	265	10	195	175	235	345	5	15	335	345	40	280	80	165	335	310	205	20	15	16	
24	185	110	70	285	340	15	15	15	5	15	260	205	335	335	325	315	335	230	300	15	120	275	145	160	16	
25	0	340	260	305	120	355	275	175	30	185	320	315	325	260	325	190	330	345	350	0	345	45	60	165	16	
26	10	15	245	100	350	130	340	15	210	145	10	350	340	305	345	320	340	135	110	165	70	165	350	30	1	
27	110	5	355	100	180	155	315	205	190	190	285	290	280	300	265	260	320	355	5	35	340	130	90	185	9	
28	315	185	195	185	185	220	210	170	175	195	210	300	305	315	265	295	350	55	70	100	305	335	30	340	9	
29	200	40	15	230	40	10	190	315	20	290	325	340	330	315	325	320	285	165	145	150	175	195	355	0	15	
30	5	5	195	50	90	40	195	15	40	310	310	315	320	330	300	255	155	180	185	185	140	90	90	70	[VA]	
31	50	45	5	350	335	330	315	310	295	300	290	295	300	315	315	330	355	25	40	55	75	40	45	50	[VA]	
PV	16	16	2	1	9	2	16	[VA]	9	[VA]	[VA]	16	15	15	15	16	16	16	1	9	[VA]	9	1	1	16	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 8

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	65	75	65	65	85	75	85	90	80	55	320	10	55	35	45	315	325	355	100	70	55	185	215	65	4	
2	185	140	320	0	115	300	20	170	345	35	190	190	235	350	340	320	265	190	150	75	305	160	5	345	16	
3	350	10	150	130	10	15	25	225	10	240	190	345	305	340	325	230	265	125	200	215	45	345	285	200	[VA]	
4	210	210	180	35	270	325	125	200	210	295	340	280	345	330	335	305	335	265	325	175	150	295	45	225	16	
5	175	5	330	180	330	205	170	35	215	0	320	335	330	205	305	350	55	220	15	345	305	215	125	10	16	
6	140	240	205	280	285	205	165	145	155	[PF]	186	185	265	310	280	265	205	105	230	210	245	75	160	320	[VA]	
7	150	160	185	155	5	255	310	210	15	315	190	295	345	140	340	0	90	180	230	160	185	155	230	30	[VA]	
8	10	150	30	5	0	345	300	350	350	230	10	300	305	355	195	320	10	220	355	245	300	0	310	335	1	
9	160	255	270	320	230	185	320	250	320	340	275	340	355	355	10	350	100	50	160	230	50	115	200	10	1	
10	345	5	135	10	5	65	65	275	60	160	270	250	245	265	255	200	185	190	165	175	170	160	160	175	[VA]	
11	5	80	160	355	25	130	35	345	30	40	335	320	305	335	300	140	180	160	355	315	325	330	215	150	16	
12	80	115	345	275	335	200	125	55	15	35	15	315	35	320	25	260	280	230	255	260	275	250	180	205	13	
13	260	270	200	255	225	225	165	185	135	120	175	210	270	305	310	160	165	70	90	195	155	135	200	170	8	
14	310	335	290	10	340	70	155	175	20	5	325	250	225	300	350	265	340	170	70	335	205	305	15	215	16	
15	140	350	10	270	195	265	335	55	195	255	215	300	265	290	325	270	215	210	230	250	45	200	160	290	14	
16	300	220	180	315	240	310	340	0	240	345	235	0	310	340	300	330	335	340	330	225	175	160	190	215	16	
17	10	355	295	205	70	295	295	325	0	80	240	305	340	320	310	330	340	140	195	295	195	245	15	135	15	
18	180	210	190	305	305	10	0	350	350	0	245	230	350	325	240	170	330	80	200	5	10	65	65	70	1	
19	65	75	70	60	25	95	55	20	350	295	325	315	320	330	315	320	320	320	65	75	5	0	330	30	15	
20	175	135	320	105	340	345	10	5	160	100	335	335	325	335	325	325	325	345	315	215	265	250	350	50	16	
21	180	155	170	145	10	0	10	205	190	0	330	325	325	325	325	310	315	330	350	265	75	230	180	350	[VA]	
22	0	315	245	185	190	345	235	230	330	335	240	300	310	335	330	310	300	310	340	295	135	335	40	170	15	
23	100	195	10	235	185	20	225	30	260	195	345	325	305	205	325	340	265	200	335	20	25	165	165	155	10	
24	200	335	335	320	170	180	145	30	10	100	325	255	345	335	295	320	320	215	250	265	240	210	175	235	16	
25	170	160	165	165	220	150	110	100	180	180	235	290	300	330	330	350	320	315	10	165	330	190	180	145	8	
26	165	230	345	135	180	190	165	345	195	260	345	300	325	330	320	295	160	350	205	180	190	10	155	135	8	
27	145	215	355	10	215	170	220	265	55	185	275	225	310	335	345	325	255	205	25	310	225	75	355	205	11	
28	270	50	170	25	40	160	205	45	235	215	290	305	315	295	260	305	320	320	60	165	150	340	5	170	15	
29	190	35	5	290	215	165	170	0	20	305	315	335	310	320	320	305	325	320	165	315	315	20	120	165	15	
30	25	70	210	185	195	180	310	30	15	50	280	25	265	195	310	345	355	20	25	65	70	75	85	60	2	
31	190	335	105	25	60	80	140	60	45	340	305	315	305	345	330	315	315	275	30	305	355	150	225	80	16	
PV	9	1	9	1	16	9	8	1	[VA]	16	[VA]	15	15	[VA]	15	16	15	15	10	[VA]	9	9	9	9	16	

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 9

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.5	4.0	3.0	2.5	2.0	2.5	2.0	2.5	2.0	2.5	2.5	2.5	2.5	2.5	4.5	3.0	2.5	4.0	2.5	2.5	3.0	3.0	2.5	2.5	2.5	4.5
2	3.0	3.5	2.5	2.5	2.5	2.5	2.5	3.0	4.0	2.5	2.5	4.0	4.0	3.5	2.5	3.0	4.5	3.5	2.5	4.0	3.5	5.0	2.5	2.5	3.0	5.0
3	3.0	3.5	4.5	3.0	3.5	3.0	3.5	3.0	2.0	5.0	3.5	3.5	5.0	3.0	3.5	3.5	4.0	3.5	5.0	4.5	4.5	2.5	2.5	3.0	3.5	5.0
4	2.5	3.0	3.0	4.5	3.0	2.5	2.5	3.5	2.5	2.5	2.5	3.0	4.0	3.5	4.0	3.0	2.5	2.0	3.0	3.5	3.0	3.0	2.5	2.5	3.0	4.5
5	2.5	2.0	3.0	3.0	2.5	2.0	2.5	2.0	2.0	3.5	3.0	4.0	4.0	2.5	3.5	4.0	3.5	2.0	1.5	2.5	3.0	1.5	2.5	2.5	2.5	4.0
6	2.5	2.5	3.5	2.5	3.5	2.5	3.0	2.5	3.5	4.0	5.5	[MT]	4.5	7.5	6.5	10.0	3.0	3.5	6.5	8.5	7.0	5.5	8.5	10.0	5.0	10.0
7	8.5	7.0	7.5	5.0	2.5	4.0	7.5	11.5	9.5	4.0	4.0	5.0	3.5	7.5	16.5	19.5	5.0	9.0	11.0	10.0	12.5	13.0	7.0	5.5	8.0	19.5
8	8.0	3.0	4.0	4.0	3.5	5.5	8.0	8.0	7.0	4.0	3.0	4.5	3.5	5.0	4.0	7.0	4.5	6.5	6.5	6.0	7.0	7.0	2.5	6.5	5.5	8.0
9	4.5	3.0	2.5	3.5	5.5	4.0	7.0	9.0	7.0	9.5	6.0	5.5	7.5	9.5	6.0	4.5	3.5	4.0	3.5	3.0	5.5	9.5	7.5	5.5	5.5	9.5
10	5.5	5.0	3.0	3.0	2.5	3.0	2.5	3.0	3.5	5.0	6.5	6.0	6.0	3.5	4.5	4.5	9.0	8.0	17.0	22.5	12.0	8.0	14.5	12.5	7.0	22.5
11	16.5	18.5	17.0	19.5	22.5	18.0	17.0	14.5	7.0	3.5	6.0	5.5	15.5	11.5	12.0	11.5	12.0	13.0	11.5	9.0	5.5	4.5	4.0	2.5	11.5	22.5
12	2.5	2.0	2.5	1.5	2.5	2.5	3.0	2.5	2.0	3.5	3.0	4.5	3.5	5.0	6.0	4.0	2.5	3.5	3.5	4.5	5.0	3.5	2.5	2.5	3.5	6.0
13	3.0	2.0	2.5	3.0	2.0	2.5	1.0	2.5	2.0	3.0	3.5	5.0	5.5	5.0	2.5	3.0	4.0	2.5	2.5	4.0	2.5	3.5	2.5	2.5	3.0	5.5
14	3.0	3.0	2.5	2.0	2.5	2.5	3.0	2.3	2.5	3.5	3.5	4.5	4.5	3.0	2.5	5.0	3.5	4.0	3.0	2.5	3.0	2.5	3.0	3.0	3.0	5.0
15	3.5	2.5	2.5	2.5	2.5	3.0	3.5	3.5	3.0	3.5	4.5	5.5	4.5	3.0	3.0	2.5	4.5	4.5	4.5	3.5	2.5	2.5	2.5	3.0	3.5	5.5
16	2.5	2.5	2.5	2.5	2.5	2.5	3.5	3.0	2.5	2.5	4.5	5.0	3.5	4.0	3.5	2.5	2.5	2.0	2.5	2.5	2.5	2.5	2.5	3.0	3.0	5.0
17	3.5	3.0	3.0	3.0	2.0	2.5	2.5	2.5	2.5	3.0	2.5	3.5	3.5	3.0	2.5	2.5	2.5	4.0	2.5	2.5	3.0	3.0	3.0	4.5	3.0	4.5
18	5.0	2.5	2.5	2.5	3.5	2.0	2.5	2.5	4.5	2.5	6.0	6.0	3.0	4.0	4.5	6.0	5.5	5.0	4.0	6.0	12.5	12.0	12.0	10.5	5.5	12.5
19	7.5	3.5	2.0	9.0	6.5	7.0	16.5	17.5	16.0	22.5	25.5	22.5	14.5	12.5	15.5	17.5	15.5	14.0	15.0	14.5	10.0	11.5	11.0	10.5	13.5	25.5
20	6.0	5.0	4.0	7.5	4.5	4.0	4.0	2.5	2.5	4.0	4.5	5.0	5.0	5.0	3.5	3.0	2.5	4.5	5.0	4.0	3.5	3.0	3.0	2.5	4.0	7.5
21	2.5	2.5	5.0	5.5	2.5	2.5	3.0	3.5	4.0	4.5	3.5	3.5	4.5	3.5	3.0	2.5	3.0	3.0	3.5	5.5	4.5	3.0	3.0	2.0	3.5	5.5
22	2.5	3.5	2.5	2.0	2.5	3.5	2.5	2.0	3.0	3.0	4.5	4.0	2.5	3.5	2.5	3.5	2.5	3.0	4.5	2.5	2.0	4.0	3.0	2.5	3.0	4.5
23	4.0	4.0	5.5	3.5	3.0	3.5	3.0	2.5	5.0	4.0	3.0	8.5	4.5	2.5	4.5	4.5	2.5	2.5	3.5	6.0	2.5	3.5	6.0	3.0	4.0	8.5
24	4.5	5.0	3.5	2.0	2.5	3.0	4.0	3.5	2.5	2.5	3.0	4.5	5.5	4.0	2.5	4.0	4.0	3.0	4.5	7.5	10.5	6.0	6.0	5.5	4.5	10.5
25	11.5	12.0	17.5	14.5	11.0	5.5	10.0	15.0	20.5	14.0	10.5	16.0	15.5	16.5	14.5	8.0	8.0	6.0	7.0	6.0	6.5	7.5	5.5	4.0	11.0	20.5
26	2.5	6.5	8.0	5.0	6.0	8.0	7.0	8.5	7.0	2.5	6.5	9.0	12.5	11.5	12.5	16.5	5.5	2.0	3.0	3.0	3.0	2.5	5.0	3.0	6.5	16.5
27	2.5	3.0	2.0	2.5	4.0	2.5	2.0	2.5	2.5	2.5	2.5	3.0	5.0	2.5	2.5	2.5	3.5	2.5	2.5	4.0	4.5	3.5	2.0	2.5	3.0	5.0
28	2.5	2.5	3.0	2.0	2.5	3.0	2.5	2.5	4.5	11.0	13.5	5.0	18.5	49.5	22.5	31.0	24.0	24.0	20.0	23.5	26.0	22.5	21.0	20.5	15.0	49.5
29	14.0	13.5	8.0	13.5	14.5	8.0	7.5	8.0	5.5	12.0	16.0	19.5	21.5	20.0	19.5	29.5	29.5	29.0	26.0	19.0	16.0	18.0	15.0	16.5	16.5	29.5
30	16.5	18.0	19.0	20.5	19.5	16.0	14.0	13.0	8.0	4.0	11.5	17.5	20.0	22.5	20.0	12.5	18.5	17.0	18.0	19.5	17.0	13.0	15.0	11.5	16.0	22.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5.5	5.0	5.0	5.5	5.0	4.5	5.0	5.5	5.0	5.0	6.0	6.5	7.5	8.0	7.0	8.0	6.5	6.5	7.0	7.0	7.0	6.5	6.0	5.5	6.0	[ ]
SD	4.1	4.4	4.6	5.0	5.1	3.7	4.2	4.5	4.1	4.4	4.9	5.1	5.6	9.3	6.1	7.6	6.6	6.5	6.2	6.1	5.5	5.0	4.9	4.6	4.2	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 9

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10.0	15.0	18.5	13.5	10.5	3.5	7.5	15.5	12.5	13.0	10.5	10.5	8.0	6.5	6.0	5.0	3.5	4.0	4.0	5.0	5.0	8.0	2.5	3.5	8.5	18.5
2	5.0	4.0	3.0	3.0	4.5	2.5	2.5	3.0	2.5	3.5	5.5	5.0	4.5	4.0	3.5	4.0	4.5	3.5	2.5	3.5	2.5	1.5	3.0	2.5	3.5	5.5
3	3.0	2.5	2.0	2.0	2.5	1.5	2.5	3.0	2.0	2.0	2.0	4.0	3.0	2.5	3.0	2.0	1.5	2.0	4.5	3.0	2.5	1.5	1.5	1.0	2.5	4.5
4	2.5	2.5	2.0	2.5	3.0	2.5	2.5	1.5	2.0	2.0	3.0	2.5	3.5	3.0	3.5	3.0	4.5	4.0	2.5	2.0	2.0	3.0	2.5	3.0	2.5	4.5
5	3.5	2.5	3.0	4.0	4.0	2.5	3.0	2.5	4.0	3.0	3.0	5.0	2.5	2.5	3.5	4.0	3.5	3.5	3.0	3.0	2.5	3.0	4.0	4.0	3.5	5.0
6	4.5	3.0	3.0	2.5	2.5	2.5	2.5	2.5	4.5	4.0	[MT]	3.5	3.5	3.0	3.0	3.5	2.0	2.0	2.0	2.5	2.5	3.5	3.5	5.0	3.0	5.0
7	2.5	3.5	3.5	2.5	2.0	2.5	2.5	5.0	3.5	4.5	3.0	2.5	3.0	3.0	3.5	3.5	3.5	4.0	2.0	4.0	2.5	2.5	2.5	3.5	3.0	5.0
8	3.0	3.5	3.5	7.0	5.0	2.5	5.0	4.5	4.5	3.0	4.0	3.3	4.0	4.0	3.0	5.0	4.5	4.5	4.5	3.5	4.5	2.5	3.5	3.5	4.0	7.0
9	3.0	3.0	2.5	3.0	4.0	2.5	2.5	2.5	2.5	2.0	2.0	2.5	2.0	2.5	2.0	2.0	2.0	2.0	1.5	2.0	2.0	2.5	1.5	2.5	2.5	4.0
10	2.5	2.5	2.0	1.0	2.0	2.0	2.0	2.0	2.0	1.5	1.5	2.0	2.5	1.5	2.0	2.0	2.5	1.5	1.5	2.5	2.0	2.0	1.5	1.5	2.0	2.5
11	2.5	1.5	1.0	2.0	1.0	2.5	2.0	2.5	1.0	1.5	1.5	2.0	2.5	1.0	2.0	2.0	2.5	3.0	2.5	1.5	2.5	2.5	1.0	2.5	2.0	3.0
12	2.5	1.0	1.5	1.0	2.5	1.5	3.0	2.0	2.5	1.5	7.0	7.5	7.5	13.5	13.5	18.0	21.0	19.0	15.5	13.5	10.5	8.0	8.5	5.5	8.0	21.0
13	8.0	13.0	10.5	6.5	5.0	6.0	5.0	5.0	5.5	5.0	17.5	20.5	17.5	16.0	20.0	23.5	9.5	3.5	16.5	6.0	5.0	7.5	2.5	9.5	10.0	23.5
14	8.5	6.0	7.0	9.0	7.0	8.0	13.0	12.0	13.0	13.0	13.0	12.5	10.5	7.0	6.0	3.5	2.0	3.0	4.0	2.5	2.5	2.5	4.0	2.5	7.0	13.0
15	2.5	2.5	3.0	2.5	2.0	2.5	2.5	2.5	2.0	2.5	2.0	3.0	2.5	2.0	3.0	2.5	2.5	3.5	3.0	2.5	4.0	4.0	4.0	3.0	3.0	4.0
16	3.0	2.5	4.0	3.0	3.0	3.0	3.0	3.0	2.5	2.5	3.0	4.0	4.5	3.5	3.5	4.0	3.0	3.0	5.5	5.0	4.5	3.0	2.5	2.5	3.5	5.5
17	3.0	2.5	3.5	3.0	3.5	4.0	2.5	2.5	3.0	3.5	2.5	2.5	4.0	3.5	3.5	3.0	5.5	4.0	3.0	3.0	3.0	2.5	2.5	3.0	3.0	5.5
18	3.0	2.0	2.5	2.5	2.5	2.5	1.5	2.5	2.5	2.0	2.5	3.5	2.5	3.0	[MT]	2.5	4.0	6.0	4.0	3.0	5.5	3.5	1.0	1.5	3.0	6.0
19	2.0	2.5	2.5	3.0	2.0	2.5	2.5	2.5	2.0	2.0	2.5	3.0	3.5	2.5	3.5	4.5	2.0	5.0	3.5	2.5	2.0	3.5	3.0	2.5	3.0	5.0
20	2.5	2.5	3.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.5	3.5	3.5	4.5	3.5	3.5	2.0	2.0	4.5	2.5	1.0	2.5	2.0	3.0	4.5
21	2.0	2.5	3.0	2.5	2.5	2.5	1.5	2.5	3.5	2.5	2.5	2.5	4.0	2.5	3.5	3.0	2.5	3.0	5.0	3.5	5.0	3.0	3.5	2.5	3.0	5.0
22	2.5	2.5	2.5	3.0	3.5	3.0	2.5	3.5	3.0	3.0	3.0	4.0	3.5	2.5	2.5	2.0	2.5	2.5	1.5	2.5	2.5	2.5	2.0	3.0	2.5	4.0
23	2.5	3.0	2.5	4.0	2.5	2.0	2.5	2.5	2.5	2.5	3.0	4.0	2.5	2.5	2.5	2.0	2.5	3.5	4.0	4.0	3.0	2.5	2.5	2.5	3.0	4.0
24	2.5	4.0	2.0	2.5	3.0	2.5	2.0	2.5	3.0	2.5	2.5	2.5	3.5	2.5	4.0	5.5	3.0	3.0	3.0	3.5	2.5	2.5	2.5	3.0	3.0	5.5
25	3.0	2.0	2.0	4.0	2.0	5.0	3.0	2.5	2.0	4.5	2.0	5.5	3.0	2.5	3.5	2.5	5.0	5.5	3.0	2.5	2.5	3.0	4.0	3.0	3.0	5.5
26	2.5	3.0	2.0	2.5	2.5	2.5	2.5	2.5	2.0	2.5	3.0	2.5	3.0	3.5	3.0	5.5	5.0	3.5	3.0	3.0	6.5	8.5	9.0	6.0	3.5	9.0
27	3.0	5.0	2.5	3.0	3.0	4.5	3.5	3.5	4.5	7.0	7.0	9.0	9.0	7.0	6.5	10.5	5.0	8.5	8.0	5.0	6.0	3.5	4.0	5.0	5.5	10.5
28	5.5	3.5	2.5	4.0	2.5	3.5	3.0	3.5	3.0	3.0	2.5	3.5	6.0	4.5	2.5	2.5	2.5	3.5	2.5	2.5	5.0	2.5	2.5	2.5	3.5	6.0
29	2.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4.0	2.5	3.5	4.0	3.0	3.0	3.0	2.0	1.5	2.5	2.0	2.5	3.0	3.0	2.5	4.0
30	2.5	2.5	2.5	3.0	2.5	4.0	3.0	4.0	2.0	2.5	2.5	2.5	5.5	7.5	9.0	6.5	3.0	5.0	10.5	4.0	4.0	4.5	10.5	7.5	4.5	10.5
31	7.5	9.5	5.5	7.5	6.0	4.0	7.0	6.0	6.0	7.0	7.0	7.5	6.0	4.5	8.0	6.5	11.5	14.0	9.0	8.0	[RF]	[RF]	[RF]	[RF]	7.5	14.0
AV	3.5	4.0	3.5	3.5	3.5	3.0	3.5	3.5	3.5	3.5	4.5	5.0	4.5	4.0	4.5	5.0	4.5	4.5	4.5	3.5	3.5	3.5	3.5	3.5	4.0	[ ]
SD	2.1	3.1	3.2	2.5	1.8	1.4	2.2	2.8	2.7	2.9	3.6	3.8	3.1	3.2	3.7	4.6	3.7	3.5	3.7	2.2	1.8	1.9	2.2	1.6	2.0	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 9

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	2.5	2.5	2.0	3.0	3.0	3.5	5.0	4.5	4.0	9.5	6.0	5.5	4.5	4.5	9.5
6	2.5	4.5	3.0	2.5	3.5	6.0	4.5	2.0	3.5	5.0	2.5	3.5	10.0	4.0	5.5	2.0	5.5	3.5	3.5	6.0	3.5	2.5	3.0	2.5	4.0	10.0
7	4.0	3.5	2.0	2.5	2.5	3.0	3.0	2.5	2.5	3.0	2.5	4.5	4.5	4.0	4.0	3.5	4.5	3.5	3.5	2.5	2.0	2.0	3.0	3.0	3.0	4.5
8	2.5	3.0	4.0	3.5	3.0	2.5	2.5	2.5	2.0	3.5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	3.0	4.0
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
13	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
14	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	2.5	5.0	3.5	3.0	2.5	3.0	4.0	3.5	2.5	2.5	3.5	3.0	5.0	
21	1.0	1.0	1.0	2.5	2.5	2.0	3.0	1.0	2.0	2.5	3.0	2.5	3.0	3.0	3.0	3.5	2.5	4.0	1.5	2.5	2.5	2.0	1.5	2.5	2.5	4.0
22	1.5	1.5	1.5	1.5	2.0	2.0	2.0	1.5	1.5	1.5	1.0	2.5	3.0	4.5	3.5	4.5	3.0	3.0	3.0	3.0	1.5	3.0	2.5	3.0	2.5	4.5
23	2.5	2.0	2.5	2.0	2.0	2.5	4.0	3.0	2.5	3.0	2.5	3.5	4.0	2.0	2.5	3.0	3.5	2.5	3.0	2.5	2.5	4.0	4.5	4.0	3.0	4.5
24	4.0	2.5	3.0	4.5	4.0	2.5	4.5	3.0	3.0	6.0	5.0	4.5	4.5	3.0	3.0	4.5	3.0	2.5	5.0	5.0	8.0	8.0	5.0	3.5	4.0	8.0
25	7.0	5.5	5.0	5.0	3.0	3.0	3.0	3.0	2.5	2.0	2.5	4.5	7.0	4.5	8.5	7.0	5.5	3.0	3.5	2.5	4.0	4.5	2.0	2.5	4.0	8.5
26	2.5	2.5	2.5	2.5	2.5	3.5	2.5	2.5	2.5	3.5	3.5	5.0	3.5	5.5	3.5	4.5	3.5	3.5	2.5	3.5	4.5	6.0	3.0	3.0	3.5	6.0
27	2.5	4.0	3.0	2.5	2.5	2.0	3.5	2.5	3.0	2.5	2.5	2.5	4.0	2.5	3.0	6.0	4.5	3.5	2.5	2.0	2.0	5.5	3.5	4.5	3.0	6.0
28	3.5	3.5	5.0	4.0	3.5	4.0	3.5	4.0	3.5	2.5	5.0	3.5	3.5	3.0	3.0	4.0	4.0	2.5	3.0	4.0	2.5	3.0	3.0	2.5	3.5	5.0
29	3.5	3.0	2.5	2.5	2.5	5.5	2.0	3.0	2.5	4.0	3.5	3.0	3.5	2.5	3.5	3.0	2.5	2.5	2.5	3.0	2.5	4.0	3.0	2.5	3.0	5.5
30	2.5	2.0	2.0	2.0	3.0	2.5	2.5	3.0	4.0	4.5	6.5	6.0	2.5	2.5	4.5	3.0	3.5	8.0	14.0	31.0	22.0	19.5	10.5	3.5	7.0	31.0
31	2.0	3.5	1.5	2.0	2.5	2.5	2.5	4.0	3.5	3.0	2.5	4.5	5.0	3.5	2.5	2.5	6.0	3.0	3.0	4.5	2.5	2.5	4.0	3.0	3.5	9.5
AV	3.5	3.5	3.0	3.0	3.0	3.0	3.0	2.0	3.0	3.5	3.5	4.0	4.5	3.5	4.0	4.0	4.0	3.5	4.0	5.5	5.0	5.0	4.0	3.0	3.5	[ ]
SD	1.6	2.0	1.2	1.0	.6	1.2	.8	.6	.7	1.2	1.4	1.1	1.9	1.0	1.5	1.3	1.1	1.4	2.6	6.9	5.1	4.2	2.1	.7	1.0	[ ]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 9

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	340	215	345	80	290	255	275	105	325	60	45	270	190	325	40	10	255	50	140	195	200	300	330	120	16	
2	5	5	5	10	70	215	145	55	60	80	25	50	30	20	35	35	355	30	295	220	215	230	270	30	2	
3	135	145	10	5	50	140	305	5	125	220	25	50	35	35	45	5	245	230	220	285	195	255	30	330	3	
4	330	45	155	60	280	165	60	140	195	45	205	25	45	35	40	35	340	205	220	215	315	130	270	40	3	
5	95	315	80	135	50	315	255	35	70	60	55	45	65	45	45	285	215	235	230	335	290	200	5	20	3	
6	70	340	60	270	110	120	305	5	110	335	50	[MT]	230	240	240	240	200	170	215	220	220	215	220	220	[VA]	
7	235	250	250	230	220	275	245	225	230	230	20	135	215	225	220	210	225	245	220	230	230	235	230	235	[VA]	
8	85	45	50	40	320	40	30	35	45	50	300	295	35	215	25	40	55	40	15	310	20	60	200	220	3	
9	215	35	0	35	70	340	210	210	230	235	275	220	235	220	225	260	30	55	60	330	220	230	220	230	[VA]	
10	215	225	200	300	175	25	55	25	220	35	290	30	225	335	290	210	255	330	235	230	215	225	240	250	11	
11	240	245	245	245	245	240	245	245	50	300	240	340	240	220	230	230	245	230	225	235	285	270	225	325	12	
12	45	335	165	345	330	350	295	340	45	55	155	235	50	340	125	10	20	280	245	210	215	205	230	15	16	
13	10	45	50	85	330	160	255	330	75	95	50	50	315	240	15	5	40	315	280	220	225	350	25	70	3	
14	225	75	350	50	295	65	355	305	130	50	60	55	30	215	35	230	220	220	175	320	330	35	30	15	3	
15	285	35	225	115	90	5	220	175	5	145	55	55	0	255	340	305	0	75	235	215	215	15	155	45	3	
16	105	10	330	20	145	125	323	55	160	15	60	65	30	225	30	45	65	205	260	355	95	20	55	25	2	
17	285	250	35	60	310	215	315	55	30	310	235	295	315	45	45	70	45	10	230	230	345	230	215	340	3	
18	210	145	115	325	80	155	65	45	35	355	215	290	85	290	270	245	225	220	145	65	60	55	55	60	4	
19	50	345	35	45	45	45	45	45	40	45	45	50	30	35	35	35	35	40	50	65	55	60	60	65	3	
20	75	65	330	210	225	195	175	200	115	220	65	65	40	30	10	330	55	115	225	230	205	215	305	60	11	
21	40	50	20	35	30	35	235	235	225	235	260	0	140	60	45	100	85	180	215	195	230	220	180	260	[VA]	
22	155	55	170	335	75	20	305	335	55	45	45	60	320	210	30	35	345	270	220	235	55	65	40	355	3	
23	50	25	130	355	355	20	295	35	55	5	320	345	40	135	325	30	95	125	285	70	220	75	190	215	3	
24	260	190	210	15	185	350	280	220	295	40	325	60	35	40	100	250	295	165	205	200	220	240	235	240	[VA]	
25	235	233	255	330	315	300	340	50	50	55	60	55	30	30	30	60	70	90	95	205	235	240	255	235	3	
26	260	215	205	220	225	215	220	215	190	255	245	230	210	195	205	230	220	190	260	215	50	170	235	220	10	
27	320	30	35	295	15	300	355	10	155	230	30	270	225	215	35	290	45	10	215	225	245	255	240	275	[VA]	
28	25	35	130	215	40	10	40	55	230	235	210	330	250	225	225	225	225	225	205	215	220	225	225	225	11	
29	225	230	230	230	235	230	205	225	230	255	255	265	240	240	245	235	240	235	235	235	235	230	230	225	[VA]	
30	200	210	220	210	220	220	210	215	230	165	220	225	230	235	230	240	235	230	230	225	235	235	240	240	11	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	11	3	1	3	3	[VA]	12	3	3	3	3	3	3	11	3	11	11	11	11	[VA]	11	11	12	11	11	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 9

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	220	220	210	225	215	195	215	210	195	210	200	225	225	220	215	245	245	315	35	70	50	50	10	185	11	
2	355	90	125	40	215	325	240	265	25	65	55	60	35	20	10	345	220	225	220	45	355	40	320	5	3	
3	180	40	350	315	225	200	150	135	310	20	125	65	105	355	35	40	35	150	215	220	215	225	275	295	[VA]	
4	15	75	205	270	330	25	55	220	355	55	80	110	330	325	25	350	215	195	190	180	200	25	45	315	2	
5	140	300	45	220	30	315	120	205	160	215	325	235	285	340	30	210	215	30	55	270	200	260	175	60	[VA]	
6	195	150	205	45	235	35	130	5	50	55	[MT]	25	90	20	15	225	200	265	305	255	275	0	350	60	3	
7	5	220	55	260	0	325	300	300	85	265	45	95	60	50	40	235	225	205	355	215	310	300	340	85	[VA]	
8	190	255	320	215	25	80	350	55	5	340	235	85	50	300	195	260	25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	11	
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	305	260	275	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	13	
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	210	220	205	215	225	225	230	230	225	225	215	235	230	195	[VA]	
13	200	225	225	220	190	210	215	215	245	325	230	230	230	225	205	215	215	230	240	245	290	35	350	350	11	
14	30	5	340	40	35	45	60	55	70	70	70	80	70	70	60	15	140	195	230	320	215	45	195	60	3	
15	30	20	150	310	0	280	210	160	175	75	110	300	40	30	55	45	215	225	225	115	40	230	355	75	3	
16	135	35	335	280	30	75	60	45	0	200	50	75	30	325	220	230	275	15	5	15	340	55	5	30	[VA]	
17	340	345	215	225	275	110	20	310	315	220	60	235	220	220	220	220	275	55	285	180	160	50	115	345	11	
18	205	350	90	0	330	315	285	275	0	35	130	80	50	230	[MT]	315	50	65	215	205	235	225	335	35	11	
19	220	280	50	125	340	240	70	340	310	25	200	275	50	335	275	270	10	205	185	80	15	355	40	240	[VA]	
20	5	315	75	50	230	25	50	270	340	220	10	245	90	315	225	230	225	15	225	220	335	300	55	125	11	
21	350	0	345	260	50	350	330	35	100	5	0	340	350	65	235	250	210	210	225	275	230	260	265	290	1	
22	340	50	15	355	315	45	70	270	230	50	230	245	345	315	250	130	270	270	305	220	190	170	75	55	3	
23	120	210	270	220	285	205	350	195	115	65	60	50	10	295	125	30	225	355	230	260	200	195	55	15	[VA]	
24	260	350	75	185	285	40	325	290	265	240	160	75	145	340	245	240	230	325	155	25	320	175	260	225	13	
25	195	320	30	240	300	5	150	245	260	250	135	290	165	350	50	0	230	235	225	355	75	60	105	280	12	
26	35	45	165	310	20	160	310	200	310	335	35	345	15	225	290	250	340	170	30	60	100	305	255	240	15	
27	220	40	260	275	290	80	340	5	240	220	355	280	245	230	290	240	330	45	60	325	195	300	210	325	13	
28	350	280	10	40	315	275	20	60	285	325	315	355	245	155	25	300	30	40	40	275	220	240	150	40	3	
29	65	310	340	125	130	170	315	20	330	35	50	320	240	235	235	275	230	230	295	255	115	345	120	355	16	
30	85	210	305	25	300	210	115	30	345	215	25	340	40	300	235	225	180	220	220	250	45	45	55	55	[VA]	
31	35	30	20	30	30	290	240	245	240	240	250	255	245	290	320	315	25	50	50	40	[RF]	[RF]	[RF]	[RF]	2	
PV	1	3	16	11	14	10	15	13	[VA]	3	3	5	3	15	11	12	11	10	11	11	10	3	1	3	11	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 9

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	10	40	305	45	35	335	30	355	85	330	220	265	50	95	[VA]	
6	125	230	310	85	325	200	330	0	305	205	180	220	240	330	220	225	190	260	205	215	210	320	325	20	11	
7	210	333	330	155	285	340	230	250	30	35	40	55	55	45	40	40	50	325	345	280	255	10	275	215	3	
8	135	10	60	330	175	315	255	280	330	190	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	1	
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
13	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
14	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	20	290	205	220	210	215	225	225	215	115	50	11	
21	225	15	235	25	40	50	335	220	300	10	220	225	60	50	190	235	230	230	245	295	40	295	300	5	11	
22	335	315	245	230	30	45	240	340	140	0	265	185	330	40	345	230	225	215	295	220	230	45	320	280	11	
23	50	20	35	305	325	270	305	10	210	340	60	255	260	330	285	285	50	285	5	35	90	230	170	220	15	
24	213	5	245	225	135	183	40	35	313	255	40	55	75	355	260	240	225	225	240	220	240	250	305	245	12	
25	215	213	305	220	295	343	165	215	275	255	50	260	295	50	35	350	235	230	355	220	215	230	330	320	11	
26	235	210	240	260	270	280	170	240	60	25	50	35	345	235	250	275	40	290	215	235	140	50	15	35	[VA]	
27	210	240	200	335	230	275	350	220	295	325	5	350	40	0	5	240	225	220	325	155	35	45	105	190	11	
28	300	335	165	40	355	325	30	285	230	0	230	340	35	30	240	280	280	295	150	165	320	345	255	170	[VA]	
29	255	15	5	315	280	235	10	15	285	5	50	355	230	255	100	230	320	225	230	230	350	65	220	125	[VA]	
30	105	60	5	345	310	25	0	120	25	165	340	60	310	335	265	325	55	55	30	60	60	65	65	335	[VA]	
31	245	230	320	75	345	190	350	285	25	35	35	215	230	25	265	30	250	255	345	220	150	220	0	340	11	
PV	11	11	[VA]	16	15	16	[VA]	11	14	1	3	3	3	3	13	[VA]	11	11	11	11	11	[VA]	15	16	11	

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 9

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

SUBJECT TO REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	6	2	-2	-2	0	0	-1	2	4	4	6	8	11	10	9	10	10	7	5	4	4	3	2	2	4	11
2	0	0	1	0	-2	-3	-4	-3	0	4	6	6	8	11	13	12	11	11	9	7	3	4	3	5	4	13
3	1	1	1	1	0	0	0	0	2	3	7	9	7	10	12	13	12	10	8	6	6	6	4	5	5	13
4	4	2	0	1	0	-2	-1	-3	2	4	6	8	9	10	12	11	10	7	7	7	5	3	2	2	4	12
5	2	0	1	0	-1	-3	-2	-1	1	2	5	7	6	7	12	12	12	10	10	8	7	7	6	5	5	12
6	4	3	2	3	1	2	1	2	2	4	4	[MT]	16	16	17	17	16	15	13	13	10	9	10	10	8	17
7	8	8	9	6	8	7	7	10	12	14	15	14	15	17	18	17	15	13	11	10	8	9	8	6	11	18
8	7	7	5	5	4	3	3	2	2	5	6	9	6	7	7	7	7	6	6	4	4	4	2	2	5	9
9	2	-2	-1	-1	-1	-4	-4	-3	-1	2	3	4	2	4	4	5	2	2	2	0	-2	-1	-1	0	0	5
10	-1	-3	-3	-3	-3	-3	-3	-2	-2	1	3	3	1	2	3	4	5	3	2	-2	0	0	1	1	0	5
11	-3	-1	-1	-2	-3	-3	-3	-5	-3	-1	0	2	2	3	3	2	1	1	0	-2	-3	-4	-2	-3	-1	3
12	-8	-9	-9	-10	-11	-10	-11	-9	-6	-4	-3	0	2	2	2	3	3	1	0	-2	-2	-3	-3	-5	-4	3
13	-6	-7	-7	-7	-8	-9	-7	-7	-4	-1	0	1	1	4	6	5	4	3	2	1	0	-1	-2	-1	-2	6
14	-5	-5	-6	-6	-6	-7	-6	-6	-3	-1	1	3	4	7	6	5	5	3	3	2	1	0	1	1	0	7
15	-2	-2	-2	-3	-4	-4	-3	-5	-2	1	2	4	6	11	11	11	8	6	6	5	4	4	3	3	2	11
16	0	0	-1	-3	-3	-4	-4	-3	-1	3	5	6	6	10	11	9	9	7	6	5	5	5	4	4	3	11
17	4	2	1	1	1	-1	-2	-2	3	7	6	9	9	8	10	10	9	8	8	7	6	4	5	5	5	10
18	2	1	-1	-1	-2	-2	-3	-3	-2	2	3	4	5	7	6	6	6	5	5	4	2	-2	-2	-4	1	7
19	-4	4	-4	-4	-4	-5	-4	-5	-4	-2	-2	-2	-1	-1	-1	-1	-1	-1	-1	-2	-3	-3	-4	-2	-3	-1
20	-6	-8	-8	-10	-10	-11	-12	-11	-7	-5	-2	-1	-4	-4	-3	-2	-3	-3	-4	-4	-5	-4	-3	-3	-6	-1
21	-6	-5	-7	-7	-7	-7	-7	-7	-7	-5	-3	-1	-1	-1	0	1	-1	-3	-3	-3	-4	-6	-5	-5	-4	1
22	-8	-8	-8	-8	-9	-9	-11	-10	-9	-8	-5	-3	-1	1	3	1	0	0	-4	-4	-4	-3	-3	-3	-5	3
23	-5	-5	-6	-6	-7	-7	-7	-8	-7	-6	-1	2	2	4	6	5	3	2	2	1	0	0	-1	-1	-2	6
24	-3	-3	-3	-4	-3	-4	-4	-3	-4	-3	0	1	0	2	3	5	4	2	2	2	3	3	3	4	0	5
25	2	3	2	-2	-3	-2	-3	-4	-5	-5	-4	-3	-4	-4	-4	-3	-4	-6	-7	-7	-8	-8	-7	-7	-4	3
26	-10	-11	-11	-12	-11	-11	-11	-11	-8	-7	-7	-7	-9	-8	-7	-5	-7	-8	-9	-9	-9	-8	-8	-9	-9	-8
27	-12	-8	-13	-10	-12	-12	-12	-11	-11	-10	-6	-6	-6	-6	-6	-6	-6	-7	-7	-6	-7	-7	-7	-6	-9	-6
28	-8	-11	-10	-9	-9	-9	-9	-8	-8	-7	-6	-2	-1	0	1	1	1	-1	-2	-2	-2	-3	-4	-3	-5	1
29	-4	-4	-4	-4	-5	-7	-6	-6	-5	-5	-2	-4	-6	-6	-7	-9	-10	-10	-10	-10	-9	-9	-9	-10	-7	-4
30	-11	-11	-11	-11	-9	-10	-10	-9	-8	-6	-3	-2	-3	-2	-2	-2	-2	-4	-5	-5	-5	-4	-4	-3	-6	-2
31	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
57	-2	-3	-3	-4	-4	-3	-5	-4	-3	-1	1	2	3	4	5	5	4	3	2	1	0	0	0	0	0 [illegible]	1
58	5	2	5	5	5	4	4	5	5	5	5	5	6	6	7	7	6	6	6	6	5	5	5	5	5 [illegible]	1

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 9

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-4	-4	-4	-3	-2	-1	-1	-1	1	3	5	7	7	6	5	3	1	1	1	-1	-2	-1	0	0	1	7
2	0	0	-1	-1	-2	-2	-3	-4	-3	-1	0	2	2	4	3	3	3	2	1	1	0	-2	-2	-2	0	4
3	-3	-4	-5	-5	-5	-6	-6	-6	-6	-3	0	1	1	5	3	3	2	1	-1	-2	-3	-3	-4	-3	-2	5
4	-5	-5	-3	-5	-6	-6	-7	-6	-6	-3	-2	-1	1	1	2	1	-1	-5	-7	-6	-8	-8	-5	-9	-4	2
5	-9	-8	-9	-9	-10	-10	-10	-9	-8	-6	-5	-5	-4	-2	0	1	-1	-1	-2	-2	-2	-3	-4	-4	-3	1
6	-4	-5	-4	-4	-5	-4	-4	-5	-4	-2	[MT]	5	5	7	6	5	3	2	0	1	0	-1	-1	-1	0	7
7	-2	-3	-3	-3	-3	-4	-5	-4	-3	-3	-2	2	1	1	2	2	1	-1	0	-2	-3	-3	-3	-3	-2	2
8	-4	-4	-4	-4	-6	-5	-5	-6	-7	-4	-3	-1	-2	1	2	0	-1	-3	-4	-6	-6	-6	-7	-7	-4	2
9	-7	-7	-6	-7	-8	-9	-10	-9	-8	-6	-5	-5	-4	-3	-4	-3	-4	-4	-4	-5	-6	-6	-5	-6	-6	-3
10	-7	-10	-9	-8	-7	-7	-7	-7	-7	-8	-5	-5	-5	-5	-5	-5	-5	-4	-5	-5	-5	-4	-5	-5	-6	-4
11	-5	-6	-6	-7	-7	-6	-6	-5	-6	-5	-2	-2	-3	-2	-3	-2	-4	-3	-3	-4	-5	-4	-4	-4	-4	-2
12	-5	-6	-6	-5	-5	-5	-6	-5	-5	-4	0	3	5	6	5	5	4	4	3	4	3	3	2	1	0	6
13	1	1	2	1	1	1	1	-1	-1	2	4	5	3	3	0	1	0	0	-3	-3	-3	-4	-4	-5	0	5
14	-4	-5	-4	-6	-6	-6	-7	-7	-7	-7	-7	-8	-9	-9	-8	-6	-9	-9	-11	-11	-11	-13	-13	-12	-8	-3
15	-13	-14	-15	-13	-14	-13	-15	-15	-16	-15	-11	-8	-7	-7	-2	-9	-10	-13	-13	-13	-14	-15	-16	-16	-13	-7
16	-15	-13	-15	-13	-16	-15	-13	-13	-15	-11	-10	-10	-9	21	19	-2	-4	-9	-10	-11	-10	-10	-9	-9	-9	21
17	-10	-12	-12	-11	-13	-13	-13	-14	-13	-9	-7	-5	-3	-4	-5	-5	-7	-9	-10	-9	-10	-11	-11	-11	-9	-3
18	-12	-14	-14	-14	-14	-14	-15	-15	-14	-10	-8	-7	-6	-3	[MT]	-4	-7	-7	-7	-9	-11	-11	-12	-13	-10	-3
19	-14	-14	-14	-16	-16	-16	-16	-17	-15	-13	-10	-9	-10	-7	-6	-7	-9	-11	-12	-12	-12	-13	-14	-14	-12	-6
20	-14	-15	-16	-18	-15	-16	-17	-17	-15	-13	-11	-10	-10	-9	-9	-9	-11	-13	-14	-16	-16	-15	-15	-15	-14	-9
21	-16	-16	-16	-16	-16	-16	-16	-16	-15	-14	-12	-9	-10	-8	-6	-6	-8	-11	-11	-11	-12	-12	-12	-14	-12	-6
22	-13	-14	-14	-14	-15	-14	-14	-14	-14	-13	-11	-9	-9	-7	-5	-6	-8	-9	-10	-10	-11	-11	-12	-12	-11	-6
23	-13	-13	-13	-13	-14	-14	-13	-13	-12	-11	-10	-8	-9	-6	-6	-6	-8	-9	-9	-11	-11	-12	-13	-12	-11	-6
24	-13	-12	-12	-13	-14	-13	-13	-15	-15	-12	-11	-9	-9	-7	-6	-9	-11	-11	-12	-11	-12	-13	-12	-13	-12	-7
25	-12	-11	-11	-11	-11	-11	-11	-12	-12	-10	-7	-7	-9	-7	-6	-7	-8	-12	-12	-13	-13	-14	-13	-11	-11	-7
26	-12	-12	-12	-11	-11	-12	-13	-13	-12	-10	-10	-8	-8	-6	-6	-9	-10	-10	-11	-11	-11	-8	-9	-11	-10	-6
27	-11	-11	-11	-10	-10	-12	-11	-11	-11	-6	-3	0	0	0	0	-2	-2	-1	-3	-4	-6	-7	-8	-9	-6	0
28	-9	-11	-12	-12	-13	-13	-12	-13	-12	-9	-6	-4	-6	-4	-5	-5	-5	-6	-7	-8	-10	-11	-11	-12	-9	-4
29	-13	-14	-14	-15	-15	-16	-16	-16	-14	-13	-11	-6	-5	-3	-7	-7	-6	-11	-10	-11	-12	-12	-12	-13	-12	-7
30	-14	-13	-14	-14	-14	-15	-15	-16	-15	-10	-8	-7	-9	-9	-9	-6	-8	-8	-7	-7	-8	-8	-8	-8	-11	-7
31	-8	-9	-9	-9	-8	-8	-9	-10	-9	-8	-7	-6	-7	-8	-7	-8	-8	-7	-7	-9	[RF]	[RF]	[RF]	[RF]	-8	-6
AV	-9	-9	-9	-9	-10	-10	-10	-10	-10	-8	-6	-4	-4	-2	-2	-3	-5	-6	-6	-7	-8	-8	-8	-8	-7	[ ]
SD	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	4	5	5	5	5	5	5	5	5	4	[ ]

TEMPERATURE
DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 9

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
5	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	-11	-10	-7	-7	-10	-9	-10	-10	-11	-10	-11	-11	-11	-11	-10	-7
6	-11	-11	-11	-12	-13	-14	-13	-13	-13	-12	-5	-3	-3	-5	-8	-8	-9	-9	-10	-10	-10	-11	-12	-11	-10	-3
7	-12	-12	-13	-13	-13	-15	-16	-13	-17	-14	-13	-12	-12	-11	-11	-11	-9	-11	-12	-13	-15	-15	-15	-16	-13	-9
8	-15	-15	-16	-14	-14	-14	-13	-12	-11	-12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	-14	-11	
9	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
10	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
11	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
12	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
13	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
14	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
15	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
16	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	-3	-2	-3	-4	-6	-8	-8	-9	-10	-11	-12	-7	-2
21	-10	-11	-14	-13	-13	-13	-15	-14	-14	-9	-8	-6	-5	-5	-4	-4	-4	-6	-7	-9	-9	-10	-10	-11	-9	-4
22	-13	-13	-15	-14	-14	-15	-16	-16	-12	-9	-6	-6	-7	-8	-7	-5	-7	-8	-8	-11	-13	-14	-12	-13	-11	-5
23	-14	-14	-13	-14	-14	-16	-16	-15	-14	-11	-11	-10	-8	-7	-7	-7	-8	-9	-5	-6	-8	-8	-6	-7	-11	-7
24	-9	-9	-9	-10	-10	-10	-9	-10	-10	-8	-8	-7	-5	-2	-1	-1	-2	-3	-4	-4	-4	-5	-6	-7	-6	-1
25	-9	-9	-9	-9	-11	-12	-12	-12	-12	-9	-5	-5	-5	-6	-5	-6	-7	-8	-7	-9	-11	-12	-15	-14	-9	-5
26	-13	-16	-14	-15	-16	-16	-14	-15	-13	-13	-12	-11	-9	-8	-6	-5	-7	-9	-8	-8	-9	-9	-10	-10	-11	-5
27	-10	-10	-11	-12	-14	-14	-14	-13	-12	-9	-7	-7	-5	-2	-2	-5	-5	-7	-8	-7	-8	-9	-10	-10	-9	-2
28	-8	-9	-10	-10	-11	-12	-11	-13	-11	-8	-6	-5	-5	-3	-1	-1	-2	-5	-6	-6	-6	-6	-8	-8	-7	-1
29	-9	-9	-9	-9	-11	-12	-12	-12	-10	-8	-6	-5	-2	1	0	0	0	-2	-4	-4	-5	-6	-6	-6	-6	1
30	-8	-9	-8	-9	-8	-7	-8	-9	-9	-8	-7	-6	-2	1	2	1	2	2	2	-1	-2	-1	-2	-1	-4	2
31	-3	-4	-6	-6	-8	-8	-9	-8	-8	-7	-4	-1	0	0	0	2	1	-1	-2	-4	-4	-6	-6	-7	-4	2
AV	-10	-11	-11	-11	-12	-13	-13	-13	-12	-10	-8	-7	-5	-4	-4	-4	-5	-6	-7	-7	-8	-9	-9	-10	-9 [	1
SD	3	3	3	3	2	3	3	3	2	2	3	3	3	3	4	4	4	4	3	3	3	4	3	4	3 [	1

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 10

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.5	1.5	2.0	2.0	2.5	2.0	2.0	1.5	2.0	2.0	3.0	2.5	3.5	2.5	4.0	2.5	2.5	2.5	2.5	2.5	2.0	2.5	2.5	2.0	2.5	4.0
2	1.5	2.0	2.0	1.5	2.5	2.0	2.0	2.0	1.5	1.5	2.5	2.5	3.0	2.5	3.0	2.5	2.0	1.0	2.5	2.5	2.5	2.5	3.5	2.0	2.0	3.5
3	2.5	2.0	1.5	2.5	1.5	1.5	1.0	1.0	1.5	1.5	2.5	3.0	3.0	3.0	2.5	2.5	2.0	2.0	2.0	2.5	2.5	2.5	2.5	2.5	2.0	3.0
4	6.5	1.5	2.0	2.0	2.5	2.5	2.0	1.5	2.0	2.0	1.5	2.0	3.0	3.0	3.5	2.5	2.0	2.0	2.5	2.5	2.5	2.5	2.5	3.5	2.5	6.5
5	1.5	2.5	2.0	2.0	2.0	2.5	2.0	1.0	2.5	2.0	2.5	3.5	3.5	3.5	4.5	4.5	2.5	2.0	2.0	2.5	3.5	2.5	2.5	2.5	2.5	4.5
6	3.0	2.5	2.0	2.5	2.5	2.5	2.5	3.5	2.0	1.5	2.0	4.0	4.5	3.5	[MT]	5.5	1.5	3.0	4.0	2.5	3.5	4.0	2.0	2.5	3.0	5.5
7	2.5	2.5	2.5	2.5	2.0	2.5	2.5	2.0	1.5	2.5	2.5	5.0	4.0	4.5	6.0	7.5	7.0	11.5	7.5	8.0	6.5	5.0	3.5	5.0	4.5	11.5
8	3.0	2.5	3.0	4.5	3.0	7.0	6.0	5.0	7.0	4.0	3.0	4.0	4.5	2.5	4.0	4.0	5.5	2.0	2.5	7.0	6.5	4.0	2.5	2.0	4.0	7.0
9	2.0	3.0	3.0	8.5	4.0	2.5	2.5	2.5	3.0	7.0	4.5	6.0	5.0	6.0	4.0	3.5	4.5	2.5	2.5	2.0	3.0	2.5	1.5	1.5	3.5	8.5
10	2.0	1.0	2.5	2.5	2.0	1.5	2.0	2.5	2.5	2.5	5.5	5.5	5.0	3.0	4.5	3.5	5.5	6.5	14.0	9.5	3.5	4.5	8.0	2.5	4.5	14.0
11	7.5	8.5	11.5	10.0	10.5	11.5	8.5	9.0	4.5	4.0	4.5	6.0	7.0	6.5	8.0	7.5	8.5	5.0	5.0	3.0	4.0	2.5	2.0	2.5	6.5	11.5
12	2.5	1.5	2.0	2.0	1.5	1.5	2.0	1.0	2.0	2.5	3.0	3.5	3.0	5.0	3.5	3.0	3.0	2.0	1.5	3.0	2.0	3.0	2.5	3.0	2.5	5.0
13	2.5	2.5	2.5	1.5	1.5	1.5	2.5	1.0	2.0	2.0	2.5	3.0	5.5	5.0	3.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.5	2.0	2.5	5.5
14	2.5	2.5	2.5	3.0	2.5	2.5	2.0	2.0	2.0	2.0	2.5	4.0	5.0	5.0	4.5	3.0	2.0	2.5	2.5	2.0	2.5	2.0	2.5	2.5	3.0	5.0
15	2.5	2.5	2.5	2.5	3.0	2.5	2.0	1.5	1.5	3.0	3.5	3.0	4.0	4.0	3.5	4.0	3.5	2.5	2.5	2.5	2.5	3.0	3.0	2.5	3.0	4.0
16	2.0	2.5	2.5	2.5	2.0	2.5	2.0	2.0	2.0	2.5	2.0	3.5	4.5	5.5	3.5	2.0	2.0	2.5	3.0	3.0	2.0	2.0	1.0	2.0	2.5	5.5
17	2.5	3.0	2.5	2.0	2.5	2.5	3.0	2.0	1.5	2.0	2.5	4.5	4.0	2.5	2.0	1.5	2.5	2.5	2.0	3.0	2.0	2.5	2.5	4.0	2.5	4.5
18	2.5	2.5	2.5	3.0	3.5	2.5	3.0	1.5	2.0	2.0	3.5	3.5	2.5	6.0	4.5	3.5	1.5	3.0	4.5	6.5	8.0	6.0	7.5	6.5	4.0	8.0
19	3.5	1.5	1.5	1.0	1.5	4.0	11.5	11.5	9.0	13.5	12.0	11.5	7.0	8.0	10.5	10.0	6.0	8.5	7.5	4.0	3.5	5.0	3.5	1.5	6.5	13.5
20	2.5	3.0	2.0	2.5	2.0	2.0	2.0	1.5	2.0	2.0	2.5	3.0	3.0	2.5	2.5	3.0	3.5	3.0	2.5	3.0	2.5	2.0	1.5	1.0	2.5	3.5
21	3.0	2.5	3.0	2.5	1.5	1.0	1.0	2.5	3.5	3.5	2.5	4.0	2.5	3.5	4.0	3.0	1.5	3.0	3.0	2.0	2.0	2.5	3.0	1.0	2.5	5.0
22	2.0	1.0	1.0	1.5	2.0	1.5	2.5	2.5	2.0	1.5	2.5	4.5	4.5	3.5	2.5	2.5	2.0	2.0	2.5	3.0	3.0	2.0	2.5	2.5	2.5	4.5
23	2.5	3.5	2.5	3.5	2.5	3.0	2.5	2.5	2.0	2.0	3.0	2.5	3.0	2.5	2.5	2.0	5.0	3.0	2.5	2.5	2.5	3.0	2.5	2.5	2.5	5.0
24	3.0	2.5	2.5	2.5	2.5	1.0	2.5	2.0	2.0	1.5	2.0	2.0	2.5	2.0	2.0	2.0	2.5	3.5	2.5	2.5	2.5	2.5	2.5	3.5	2.5	3.5
25	3.0	3.5	15.5	6.5	7.5	5.0	8.0	11.5	8.0	5.0	9.0	14.5	7.0	8.0	7.0	4.0	5.5	2.5	3.0	4.5	2.5	3.5	2.5	1.0	6.0	15.5
26	2.0	1.5	2.0	2.5	1.5	1.0	1.0	1.0	1.0	1.0	2.0	2.5	4.0	5.5	6.5	6.0	4.0	3.5	3.0	2.5	3.0	2.0	2.0	2.5	2.5	6.5
27	2.5	1.5	2.0	2.0	1.5	1.5	2.0	1.0	2.0	2.5	3.0	4.5	4.5	2.0	2.0	1.5	1.0	1.0	2.5	4.0	3.5	2.5	2.0	1.0	2.0	4.5
28	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.5	4.5	7.5	6.0	5.0	14.0	14.5	16.0	16.5	13.0	14.5	7.0	9.0	9.5	8.5	4.0	6.0	7.0	16.5
29	5.0	3.0	3.5	4.5	5.5	3.0	2.5	2.0	6.0	7.0	13.0	14.0	14.0	15.0	16.5	18.0	15.0	15.0	15.5	11.0	9.0	6.5	3.5	6.5	9.0	18.0
30	8.5	7.5	7.0	8.0	5.5	6.0	3.5	3.0	3.5	2.5	2.0	5.5	10.0	10.5	8.5	5.0	6.5	4.5	5.0	6.5	5.0	6.0	5.0	2.5	5.5	10.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	3.0	2.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.5	5.0	5.0	5.0	5.0	4.5	4.5	4.0	4.0	4.0	3.5	3.5	3.0	3.0	3.5	[ ]
SD	1.6	1.6	3.0	2.2	2.0	2.1	2.4	2.8	2.0	2.5	2.7	3.1	2.9	3.3	3.6	3.9	3.3	3.6	3.3	2.5	2.1	1.6	1.5	1.5	1.8	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 10

DECEMBER, 1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 11 APR 76

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4.0	5.5	5.0	3.0	4.0	3.5	2.0	3.0	3.0	2.5	3.0	2.5	6.5	7.0	5.0	3.0	2.5	3.0	2.5	2.5	2.5	3.0	2.5	2.5	3.5	7.0
2	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.5	1.5	1.5	2.0	3.0	4.5	5.0	4.5	3.0	2.0	1.5	2.0	2.0	2.5	2.5	2.0	2.5	2.5	5.0
3	2.5	2.5	2.0	2.0	2.5	2.0	2.5	1.0	1.5	1.5	2.0	3.0	5.0	3.5	2.5	1.5	2.0	2.0	1.5	1.0	2.0	2.5	2.5	2.0	2.0	5.0
4	2.0	2.0	2.0	2.5	2.5	2.0	2.0	1.0	2.0	2.0	3.0	2.0	4.5	4.5	4.0	4.0	5.5	3.0	3.5	2.5	1.5	1.0	1.0	2.5	2.5	5.5
5	3.0	2.0	1.5	2.5	2.5	2.5	2.5	1.0	1.0	2.5	5.5	4.0	4.0	3.5	5.0	2.5	1.0	2.5	2.5	2.0	2.0	4.0	2.0	1.5	2.5	5.5
6	4.0	2.0	2.0	2.5	2.0	2.5	1.5	2.0	3.0	1.5	2.0	3.5	6.0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	2.5	6.0
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	3.5	2.0	2.5	3.5	2.5	2.5	2.5	2.0	2.0	2.5	3.5
10	2.5	2.0	2.0	2.0	2.0	2.5	2.0	2.5	2.5	2.5	2.0	2.5	1.5	2.0	2.0	1.0	1.5	1.0	2.5	3.0	3.5	3.0	2.5	2.5	2.0	3.5
11	2.5	2.0	2.0	2.0	2.0	1.5	1.0	1.0	2.5	1.0	2.5	3.0	2.0	4.0	3.5	2.5	3.5	2.0	2.5	2.0	4.0	2.5	2.0	3.5	2.5	4.0
12	3.0	2.0	2.0	1.0	1.5	1.5	2.5	2.5	2.5	1.5	2.0	3.5	7.0	7.5	6.0	11.5	10.5	8.5	7.0	7.0	3.5	2.5	2.0	2.5	4.0	11.5
13	3.5	2.0	2.5	2.5	2.5	1.0	1.0	1.5	2.0	2.0	7.0	12.0	8.0	9.5	13.0	10.0	4.0	4.5	7.0	3.0	6.0	4.5	2.5	6.5	5.0	13.0
14	3.5	3.5	4.0	5.0	5.0	7.0	5.0	3.5	5.0	6.5	8.0	5.5	5.0	3.5	3.0	2.5	2.0	3.0	2.5	2.5	2.5	2.5	2.5	2.5	4.0	8.0
15	2.5	3.0	2.5	2.5	2.5	2.0	2.5	1.5	1.0	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5	2.0	3.0	2.5	2.0	2.0	2.5	2.0	3.0
16	3.0	2.5	2.5	2.5	2.5	2.0	2.5	2.0	1.5	1.5	1.5	2.5	1.5	1.0	1.5	2.5	3.5	2.5	2.0	2.5	3.5	2.5	1.5	2.5	2.0	3.5
17	2.5	2.5	2.5	2.5	1.5	2.5	2.0	2.0	1.5	1.0	2.5	1.0	5.5	6.0	4.0	3.0	2.5	2.5	2.5	2.5	2.0	2.5	2.5	3.0	2.5	6.0
18	4.0	3.0	2.5	3.0	2.5	3.5	2.5	2.5	2.0	1.0	1.0	2.0	2.5	2.5	2.5	2.0	2.0	3.0	2.5	2.0	2.5	2.0	2.0	2.5	2.5	4.0
19	2.0	2.5	3.0	3.0	2.5	3.0	2.5	2.0	2.0	1.0	1.0	2.5	2.5	2.5	5.0	4.5	2.5	2.5	3.5	2.5	2.5	3.0	3.5	2.5	2.5	5.0
20	2.5	2.5	2.5	2.5	3.0	3.0	2.5	2.0	1.0	1.5	1.5	4.5	2.5	5.5	6.0	5.0	4.0	1.0	2.0	2.5	2.5	2.5	2.5	4.0	3.0	6.0
21	2.5	2.0	2.0	2.0	2.5	2.0	1.0	2.0	2.0	2.0	2.0	2.0	2.5	2.5	1.5	3.5	5.0	4.5	4.0	4.0	3.5	2.5	1.5	3.5	2.5	5.0
22	2.5	2.5	3.0	2.5	2.5	2.0	3.0	2.0	2.0	1.0	3.5	3.5	2.5	2.5	3.0	3.0	2.5	3.0	2.5	2.0	2.0	3.0	3.0	3.0	2.5	3.5
23	2.5	2.0	2.5	1.5	2.0	1.5	2.5	1.5	1.0	1.0	2.5	2.5	2.5	4.0	3.0	2.5	2.0	2.5	2.5	2.0	2.0	2.0	2.5	3.5	2.5	4.0
24	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.5	1.0	1.5	2.0	3.0	6.5	6.0	6.5	4.0	2.5	3.5	3.5	3.5	4.0	2.5	2.5	3.0	6.5
25	1.0	1.0	2.5	2.5	2.5	4.0	2.5	2.5	2.5	2.0	5.5	8.0	6.0	2.5	2.5	2.5	5.0	6.5	4.0	1.5	2.0	2.5	3.0	1.5	3.0	8.0
26	1.0	1.5	2.0	2.5	4.0	2.5	1.5	1.5	2.0	2.0	3.0	4.0	3.0	5.5	6.0	5.0	3.0	3.0	1.0	1.5	3.0	5.0	4.0	4.0	3.0	6.0
27	7.5	3.0	2.0	2.0	2.5	3.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3.0	1.5	2.0	2.5	3.0	4.5	4.0	4.0	2.5	2.5	5.5	3.0	7.5
28	2.5	2.5	2.5	3.5	3.5	2.5	3.0	2.5	2.5	1.5	2.0	2.0	2.5	2.5	2.0	2.0	1.5	3.0	3.5	2.5	2.0	2.5	3.5	3.0	2.5	3.5
29	3.5	2.5	2.0	2.5	2.5	2.5	2.5	2.5	1.5	1.5	1.5	1.5	3.5	4.0	4.5	4.5	2.5	2.5	2.5	2.5	2.0	2.5	2.5	3.0	2.5	4.5
30	2.5	2.5	2.5	2.5	3.0	3.0	1.5	2.5	2.5	2.5	1.5	2.5	2.5	3.0	9.5	5.0	2.5	2.5	2.5	2.5	2.0	2.0	2.5	2.5	3.0	9.5
31	2.5	2.5	2.0	1.0	2.0	4.0	3.5	3.0	2.5	2.5	5.5	7.0	6.0	6.0	8.5	6.0	7.5	8.0	2.5	5.5	2.5	5.5	3.5	2.5	4.5	8.5
AV	3.0	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.0	2.0	3.0	3.5	4.0	4.0	4.5	4.0	3.5	3.0	3.0	2.5	2.5	3.0	2.5	3.0	3.0	[ ]
SD	1.1	.8	.7	.7	.7	1.1	.8	.6	.8	1.0	1.8	2.2	1.8	2.0	2.6	2.3	2.0	1.6	1.3	1.2	.9	.9	.6	1.0	.7	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 10

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2.0	2.5	1.5	2.5	2.5	3.5	2.5	1.0	1.0	1.0	1.5	1.0	2.5	2.5	2.5	3.0	3.5	3.0	2.5	2.5	2.5	3.0	2.5	2.5	2.5	3.5
2	2.5	2.5	2.0	2.5	2.5	2.5	2.5	2.5	2.0	1.0	1.5	1.0	2.0	2.5	2.5	5.0	3.5	2.5	3.5	2.0	1.5	2.5	1.5	2.0	2.5	5.0
3	2.5	2.5	2.5	2.5	2.5	2.0	2.0	2.5	2.0	1.0	1.5	2.5	3.0	5.0	2.5	3.5	3.0	2.5	1.5	2.0	2.5	2.5	2.0	2.0	2.5	5.0
4	1.5	1.0	2.0	2.0	2.0	2.0	2.5	1.5	2.0	2.5	3.0	3.0	4.5	4.5	3.0	2.5	2.0	2.5	2.5	2.5	3.0	3.0	2.5	3.0	2.5	4.5
5	2.5	2.5	1.5	1.0	2.5	2.5	2.0	2.0	2.5	1.0	1.5	2.5	2.0	[MT]	3.0	3.0	2.0	2.0	2.0	2.5	6.0	4.0	2.5	2.5	2.5	6.0
6	1.5	2.5	2.5	2.5	3.5	3.5	3.0	3.0	2.5	1.5	2.0	1.5	1.5	4.0	4.5	5.0	4.0	2.5	2.0	2.0	2.5	3.0	3.5	2.5	3.0	5.0
7	2.0	2.5	3.0	3.0	2.5	3.0	3.0	2.5	1.5	1.5	1.5	2.0	2.0	1.0	2.0	1.5	1.5	3.5	2.5	2.0	1.0	1.5	1.5	1.0	2.0	3.5
8	2.5	2.0	1.0	1.5	1.5	1.5	1.0	1.0	1.5	2.0	2.5	2.5	3.0	2.5	2.5	2.0	2.5	1.5	2.5	3.5	2.0	3.0	2.5	2.5	2.0	3.5
9	2.5	2.5	2.5	2.5	3.0	1.5	2.0	1.5	2.0	1.5	1.5	2.0	2.0	2.0	2.5	4.0	2.5	1.5	2.0	2.5	2.5	3.5	1.5	1.5	2.0	4.0
10	1.0	1.5	2.0	1.5	2.5	3.0	1.5	2.5	2.5	1.5	2.5	2.0	2.0	1.5	3.5	2.0	2.0	4.5	3.0	3.0	3.0	2.5	3.0	4.0	2.5	4.5
11	2.5	3.0	3.0	2.5	2.5	2.5	2.5	2.5	1.5	1.0	1.0	2.0	2.0	3.0	1.5	1.0	1.0	2.0	2.0	2.0	2.0	1.5	1.0	1.0	2.0	3.0
12	1.0	2.5	1.0	2.5	1.0	3.0	3.0	2.5	1.0	1.5	1.5	2.5	2.0	4.0	2.5	2.5	2.0	5.0	9.0	7.5	8.5	4.0	2.5	5.5	3.5	9.0
13	14.5	17.0	10.0	6.0	3.0	7.5	3.0	2.5	2.5	2.5	1.0	1.5	1.5	2.5	3.5	2.0	1.0	2.5	2.5	2.5	3.0	2.5	1.5	2.5	4.0	17.0
14	2.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.0	1.5	1.5	1.5	3.0	2.5	3.0	2.5	3.0	3.5	2.5	2.5	2.0	3.0	2.0	2.5	3.5
15	2.5	2.5	2.5	3.0	2.0	2.5	2.5	1.5	2.0	2.5	2.0	2.5	4.5	4.0	2.5	1.5	1.5	2.5	2.0	2.5	3.0	2.5	3.5	2.5	2.5	4.5
16	2.5	2.5	2.5	2.5	2.5	2.0	2.5	1.5	2.0	2.0	2.0	2.5	4.0	3.5	2.0	2.0	4.0	3.0	2.0	2.0	2.5	2.5	3.5	2.0	2.5	4.0
17	2.0	2.5	2.5	2.5	2.0	2.5	2.5	2.5	2.0	1.5	2.0	1.0	2.5	3.5	3.5	3.0	2.5	2.0	2.5	2.0	1.5	3.0	2.5	2.5	2.5	3.5
18	2.5	2.0	2.5	2.5	2.0	1.5	2.0	1.5	2.0	1.0	1.5	2.0	2.5	2.5	2.5	3.5	5.0	2.5	3.5	2.5	2.5	2.0	2.5	2.0	2.5	5.0
19	2.5	1.5	1.0	1.0	1.0	1.5	1.5	2.0	1.5	1.0	1.5	1.0	2.5	5.0	4.5	3.5	2.5	2.5	3.0	2.5	2.5	2.5	2.5	3.0	2.0	5.0
20	3.5	2.5	2.5	2.5	2.5	2.5	2.5	2.0	1.5	1.0	1.0	1.5	2.5	3.5	4.0	4.0	2.5	2.0	2.5	2.0	1.5	2.5	3.0	2.5	2.5	4.0
21	2.5	2.5	3.5	2.5	2.5	2.5	2.0	2.5	1.5	1.0	1.0	2.0	2.0	3.0	3.5	4.0	3.0	2.5	1.5	2.0	2.5	2.5	3.5	2.0	2.5	4.0
22	2.5	2.5	2.5	2.5	2.5	3.0	2.5	2.0	1.5	1.0	1.0	2.0	3.0	4.0	5.0	5.0	4.0	2.5	2.0	2.0	2.5	2.5	3.5	2.0	2.5	5.0
23	3.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.5	1.0	4.0	3.0	4.5	2.5	4.0	5.0	2.5	2.0	2.5	2.0	1.5	2.0	2.5	2.5	2.5	5.0
24	2.0	2.0	1.5	3.0	2.0	1.5	2.0	1.5	2.5	2.5	2.5	3.5	4.5	5.0	4.5	3.0	2.0	3.0	3.0	2.5	2.5	2.5	4.5	2.5	3.0	5.0
25	3.0	2.0	3.0	2.5	2.0	1.5	2.5	2.0	1.5	1.5	2.0	2.0	4.5	3.5	8.0	6.5	3.5	3.5	2.0	2.5	2.5	3.0	3.0	3.5	3.0	8.0
26	3.5	3.0	2.0	2.5	3.0	2.5	2.0	1.5	1.0	1.0	1.0	2.0	4.0	4.5	4.0	4.5	3.0	4.5	2.5	2.0	2.5	2.0	3.5	3.5	3.0	4.5
27	2.0	2.5	2.5	2.0	2.0	2.5	2.5	2.5	1.5	1.5	2.0	2.5	2.5	4.0	2.5	4.0	4.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4.0
28	3.0	2.5	2.5	2.5	3.0	2.0	2.5	2.5	2.5	2.5	2.0	2.5	3.5	3.5	2.5	2.0	3.5	3.0	2.0	2.5	3.0	2.5	2.5	2.5	2.5	3.5
29	2.5	3.0	3.0	2.0	2.5	2.5	2.5	2.0	1.0	2.0	2.5	2.5	4.0	5.0	4.0	3.5	2.5	2.0	2.0	1.5	2.5	3.0	2.5	2.5	2.5	5.0
30	2.5	2.5	2.5	2.5	2.5	2.0	2.5	2.0	2.0	2.5	3.5	2.0	2.0	2.5	6.0	4.0	2.5	2.5	9.5	13.5	8.0	3.0	2.5	2.0	3.5	13.5
31	1.5	1.5	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.0	1.5	2.5	5.0	4.5	3.5	4.0	4.5	2.5	2.5	2.5	1.5	2.5	2.5	2.5	2.5	5.0
AV	3.0	3.0	2.5	2.5	2.5	2.5	2.5	2.0	2.0	1.5	2.0	2.0	3.0	3.5	3.5	3.5	3.0	2.5	3.0	3.0	3.0	2.5	2.5	2.5	2.5	[1
SD	2.2	2.0	1.5	.8	.5	.8	.4	.5	.5	.6	.7	.7	1.1	1.1	1.3	1.2	1.0	.8	1.8	2.2	1.6	.6	.7	.6	.4	[1

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 10

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	315	30	5	35	5	30	40	70	60	355	335	20	180	260	35	290	5	345	320	30	0	15	50	20	2	
2	20	15	30	15	355	20	5	95	115	80	65	80	325	190	50	60	255	330	310	0	350	0	45	25	2	
3	35	15	55	30	35	355	30	40	330	350	315	5	230	145	345	210	245	305	325	30	10	35	25	25	2	
4	23	355	10	50	330	30	10	80	110	110	30	70	300	205	230	185	265	310	25	5	30	5	25	30	[VA]	
5	25	25	35	30	15	20	20	70	125	90	35	230	165	205	235	255	300	295	325	5	40	40	30	35	[VA]	
6	13	60	30	35	15	30	45	345	45	65	55	180	275	265	[MT]	275	320	325	10	45	35	30	65	55	3	
7	45	30	45	70	25	35	60	110	145	120	325	310	285	285	285	300	300	305	265	285	235	270	240	60	14	
8	15	350	285	95	100	55	60	65	65	110	325	335	300	345	65	80	60	5	190	30	50	110	345	340	4	
9	25	145	15	75	50	320	345	345	90	265	255	305	260	240	180	260	355	15	40	40	15	35	10	65	[VA]	
10	40	120	25	5	130	110	35	35	85	30	275	295	265	285	285	355	25	280	280	230	355	345	295	345	[VA]	
11	265	275	275	270	270	275	270	320	0	285	40	300	245	270	265	275	290	270	250	280	45	95	10	55	13	
12	20	35	340	335	340	335	35	330	30	110	350	35	345	245	285	300	340	80	330	350	60	50	30	45	16	
13	345	0	25	345	20	30	20	0	110	25	345	245	240	235	260	170	280	340	325	5	30	30	35	30	2	
14	20	10	5	15	20	15	25	40	120	75	105	305	250	260	250	275	305	310	20	70	75	320	90	70	2	
15	23	45	5	40	20	5	25	145	345	90	115	295	235	240	245	300	30	315	10	45	25	35	45	50	2	
16	40	30	30	30	55	50	20	115	175	20	330	235	245	255	230	215	280	335	25	25	30	105	110	85	2	
17	10	40	30	15	5	25	45	70	115	90	40	265	245	205	205	285	355	30	0	45	0	75	110	50	3	
18	23	30	25	25	30	35	20	55	45	355	340	295	345	285	275	255	225	195	145	100	75	60	75	60	2	
19	15	255	155	175	200	25	40	45	45	60	80	75	45	50	50	60	60	60	65	55	85	65	125	10	[VA]	
20	355	355	305	310	0	340	15	10	165	80	80	5	100	15	340	35	90	0	25	55	55	60	75	65	1	
21	90	65	60	105	305	95	210	280	280	275	10	220	295	185	225	175	215	350	15	15	15	30	30	355	2	
22	30	315	325	350	30	300	50	335	130	115	285	270	245	230	355	235	320	320	355	40	50	35	15	15	3	
23	15	15	80	25	20	23	35	45	70	355	330	270	115	45	65	365	325	30	40	20	40	35	55	50	3	
24	25	35	45	30	40	15	70	40	80	55	185	115	345	15	285	210	250	5	20	20	70	60	130	30	3	
25	90	160	335	280	300	290	35	55	60	40	40	45	60	35	75	100	110	105	30	35	15	30	30	25	3	
26	5	45	240	115	145	25	90	105	355	80	320	325	145	155	180	295	280	270	280	305	30	340	0	330	15	
27	350	325	340	325	350	195	15	85	310	315	335	310	270	345	350	30	240	235	265	290	295	320	20	275	16	
28	135	355	95	205	75	160	135	210	290	275	125	20	235	215	220	225	210	200	205	245	195	210	270	265	11	
29	285	215	45	290	195	90	55	185	280	280	295	305	290	295	270	265	265	260	270	270	255	225	325	220	14	
30	195	200	205	285	40	25	40	115	105	95	85	305	245	260	300	270	210	195	250	250	215	230	290	310	[VA]	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PV	2	2	2	[VA]	2	2	3	3	6	5	16	14	12	13	14	13	13	16	2	2	2	3	[VA]	3	2	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 10

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	35	245	165	55	10	60	60	25	95	110	80	60	295	285	310	305	30	35	30	15	15	50	50	15	3	
2	25	40	45	50	50	45	5	130	125	45	330	270	255	280	265	255	300	330	325	40	355	35	30	40	3	
3	40	20	25	30	30	35	40	60	125	110	60	330	250	240	225	240	350	15	0	10	40	25	30	35	2	
4	30	30	25	20	20	40	25	50	125	65	265	245	265	265	255	280	295	320	310	280	285	260	245	170	13	
5	355	80	50	35	340	90	25	80	5	305	280	285	290	305	285	300	230	350	345	160	285	285	340	135	14	
6	335	35	0	350	0	25	10	315	60	80	330	275	260	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[VA]	
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	290	340	10	35	15	40	40	295	355	3	
10	315	130	25	325	275	340	45	70	90	30	95	90	100	35	235	130	230	20	265	310	305	20	310	340	15	
11	320	35	15	30	45	105	210	265	10	190	305	250	325	310	305	350	40	55	305	5	45	10	275	325	[VA]	
12	290	0	90	40	10	275	300	300	195	75	225	320	305	345	170	210	230	215	215	210	205	175	270	25	10	
13	335	130	60	245	280	325	260	355	220	325	225	235	245	235	200	225	285	345	65	[IM]	[IM]	[IM]	[IM]	[IM]	11	
14	0	355	335	65	50	60	65	70	100	100	120	120	110	100	70	135	335	325	345	35	[IM]	[IM]	[IM]	[IM]	4	
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	345	250	280	265	335	15	25	40	355	50	[VA]	
17	20	10	40	40	25	40	20	355	[IM]	[IM]	[IM]	[IM]	280	285	275	280	340	10	325	0	60	55	55	60	3	
18	35	50	40	40	50	45	35	40	90	95	110	180	215	260	215	300	265	0	340	20	10	30	40	30	2	
19	20	15	20	30	25	25	25	25	80	35	40	315	265	270	285	295	305	300	25	5	15	40	35	35	2	
20	25	20	35	35	35	40	50	45	20	110	60	300	195	285	290	285	305	335	355	10	35	10	65	35	3	
21	45	40	75	60	90	65	40	30	55	105	35	340	280	305	285	285	295	295	295	305	290	120	60	35	3	
22	20	30	20	35	25	10	45	25	20	30	305	295	270	265	275	265	315	335	325	330	35	50	40	55	2	
23	10	35	40	355	125	60	5	65	115	100	200	25	300	275	320	315	210	15	20	0	85	10	15	40	2	
24	20	35	30	35	30	40	35	65	90	60	90	15	225	290	285	290	285	305	330	345	295	295	260	35	3	
25	5	320	5	325	60	25	330	345	325	310	285	305	270	260	15	250	280	290	320	5	75	150	110	180	15	
26	180	135	20	60	35	40	350	330	5	20	330	290	265	285	285	280	320	285	325	270	140	355	315	205	14	
27	350	35	340	55	45	10	20	20	95	25	190	130	165	340	55	0	235	75	5	75	30	350	330	300	1	
28	75	30	30	30	35	30	70	55	135	120	85	110	70	340	25	225	285	325	35	30	335	40	40	40	3	
29	25	25	40	35	15	35	40	45	115	115	40	335	270	280	280	270	255	345	350	345	340	0	70	40	3	
30	25	30	35	40	20	40	65	60	60	130	45	235	45	290	270	260	320	135	20	75	335	165	110	55	3	
31	55	90	220	330	310	300	295	300	230	295	310	305	285	315	315	335	15	75	45	25	330	40	55	345	15	
PV	2	2	[VA]	3	2	3	[VA]	3	5	5	5	15	13	14	14	13	[VA]	[VA]	16	1	3	3	3	[VA]	2	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	225	330	305	0	340	25	20	350	60	60	340	105	140	40	30	295	40	30	0	15	355	30	15	35	2	
2	355	20	50	20	30	25	20	45	45	55	40	45	345	40	205	270	280	335	40	355	330	15	265	325	2	
3	35	325	25	40	30	35	35	30	90	120	100	130	300	250	255	260	300	30	355	280	220	260	250	295	13	
4	330	35	40	30	20	30	75	325	355	275	210	250	5	260	245	240	265	340	10	25	40	55	45	45	2	
5	15	45	65	120	10	5	135	10	50	65	305	340	235	[MT]	290	265	295	325	230	290	295	35	120	205	14	
6	330	20	350	345	35	25	25	25	35	55	95	55	25	265	260	275	345	5	345	335	0	10	30	30	2	
7	15	35	40	45	35	25	0	0	75	145	315	100	40	70	265	240	315	5	10	15	40	95	160	305	3	
8	20	65	355	285	305	255	250	260	285	300	355	255	270	305	310	250	270	305	25	30	5	25	55	40	[VA]	
9	20	35	35	50	40	40	45	90	85	25	20	110	35	140	345	275	235	230	320	325	75	85	30	35	3	
10	350	25	35	75	20	35	50	50	325	270	125	290	110	225	260	310	315	25	35	20	5	35	40	50	2	
11	45	30	35	35	35	30	50	40	110	85	50	170	345	240	135	255	255	345	335	355	310	50	70	135	3	
12	15	335	195	25	345	30	35	55	15	20	285	165	0	260	240	20	340	250	255	285	310	290	55	25	2	
13	260	270	280	275	270	55	5	40	345	130	130	90	345	215	235	240	340	330	325	330	40	20	325	25	16	
14	295	0	30	0	65	30	40	30	85	70	65	65	65	235	230	240	320	355	25	10	320	40	60	0	[VA]	
15	25	35	20	35	40	60	40	25	45	95	15	35	250	285	295	275	240	355	345	270	155	0	75	35	[VA]	
16	335	55	25	5	55	75	325	55	55	0	5	325	265	260	245	265	285	300	305	345	355	45	40	45	3	
17	25	35	30	40	40	35	45	30	45	95	130	50	200	255	245	245	275	340	320	335	25	25	30	45	[VA]	
18	30	20	50	45	20	50	70	10	75	355	30	35	125	240	285	355	215	20	30	30	5	345	310	355	2	
19	285	245	275	345	330	130	40	35	100	85	100	355	245	275	275	275	240	325	20	355	35	10	25	40	13	
20	20	25	15	15	20	15	25	350	90	65	85	20	295	275	280	265	260	10	335	320	325	35	40	35	2	
21	30	30	30	35	40	40	40	35	70	110	65	135	335	195	245	265	275	320	300	335	10	10	25	30	2	
22	15	30	15	20	25	25	25	30	70	95	80	100	250	240	230	265	265	330	10	15	325	25	15	35	2	
23	20	10	25	20	15	20	45	30	30	80	230	275	260	250	255	275	235	240	260	240	255	180	95	195	12	
24	245	75	295	275	45	30	95	300	35	310	5	280	250	245	265	235	270	345	355	315	65	80	65	350	13	
25	35	20	10	25	85	35	95	75	150	60	125	95	305	35	15	335	280	20	355	300	5	40	30	35	2	
26	25	25	15	25	70	60	35	10	10	60	15	160	230	240	265	285	30	265	325	5	55	25	40	35	2	
27	15	0	15	40	40	30	40	50	105	50	165	315	320	225	210	260	275	335	30	35	25	345	30	20	2	
28	50	25	5	55	15	65	30	310	65	275	335	275	255	340	15	265	285	325	25	40	35	5	55	25	[VA]	
29	15	25	30	40	25	40	10	10	70	80	80	255	255	270	275	260	295	295	320	320	30	35	10	50	2	
30	20	25	35	35	35	40	30	70	165	10	80	45	230	340	270	260	270	355	65	95	100	20	325	305	[VA]	
31	195	320	5	40	25	33	50	20	150	30	310	265	260	260	305	250	275	200	330	350	70	320	35	15	[VA]	
PV	2	2	2	2	[VA]	3	2	2	4	4	5	[VA]	12	12	[VA]	13	[VA]	[VA]	1	1	[VA]	2	3	2	2	

TEMPERATURE
(DEGREES F)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-6	-7	-8	-8	-8	-10	-10	-8	-5	-1	1	1	3	6	7	7	3	-2	-4	-4	-5	-6	-7	-8	-3	7
2	-8	-9	-11	-13	-11	-10	-11	-9	-6	-2	2	3	6	9	10	10	6	1	-1	-3	-4	-5	-6	-7	-3	10
3	-7	-7	-10	-10	-9	-9	-9	-9	-6	-2	2	3	6	8	11	9	6	2	-2	-5	-7	-8	-7	-7	-3	11
4	-8	-7	-9	-8	-10	-10	-10	-9	-7	-3	1	3	5	7	9	7	1	-3	-4	-4	-5	-6	-9	-9	-4	9
5	-11	-11	-10	-10	-11	-12	-11	-9	-7	-2	1	4	5	7	8	7	3	1	-3	-5	-7	-7	-8	-8	-4	8
6	-8	-7	-8	-10	-10	-10	-10	-10	-3	1	4	7	8	8	[MT]	17	15	10	7	5	5	2	1	1	1	17
7	0	-2	-1	-2	-3	-3	-3	-1	4	10	15	16	17	18	20	19	17	16	13	13	11	11	10	10	9	20
8	-1	0	1	2	6	6	4	5	6	7	9	5	9	10	12	11	9	7	6	6	6	3	3	1	7	12
9	0	-1	-1	-1	0	-1	-3	-3	2	2	3	5	6	6	7	7	5	3	-1	-3	-4	-5	-5	-5	1	7
10	-6	-5	-5	-5	-4	-5	-6	-4	0	3	3	5	4	6	6	6	5	6	2	1	2	1	2	2	1	6
11	-1	1	1	0	0	0	0	-2	-1	1	3	4	4	5	5	5	3	1	1	-1	-3	-3	-4	-5	1	5
12	-7	-8	-9	-9	-9	-10	-10	-9	-5	1	2	3	3	5	6	4	3	1	-2	-3	-4	-6	-6	-7	-3	6
13	-9	-10	-11	-11	-10	-10	-10	-9	-5	0	2	5	4	6	7	6	3	-1	-3	-6	-6	-7	-8	-8	-4	7
14	-7	-8	-9	-8	-8	-9	-9	-8	-3	2	5	8	7	8	10	9	5	2	1	1	-1	-1	-1	-1	-1	10
15	-3	-4	-5	-5	-6	-6	-7	-5	-2	3	6	11	11	13	13	11	8	5	2	0	-2	-2	-3	-3	1	13
16	-4	-4	-6	-7	-7	-7	-8	-6	-2	3	6	11	11	12	13	12	7	3	1	-1	-2	-1	0	-1	1	13
17	-3	-3	-3	-3	-4	-5	-7	-5	2	6	9	11	11	14	13	11	9	6	3	2	1	1	0	-1	3	14
18	-2	-3	-3	-4	-5	-6	-6	-5	-2	5	9	9	9	9	9	7	7	5	5	6	4	2	3	1	2	9
19	-1	-3	-3	-2	-3	-2	0	-1	0	2	3	4	3	3	3	3	2	1	-1	-2	-3	-3	-4	-6	0	4
20	-8	-8	-9	-11	-10	-10	-11	-11	-6	-3	-1	1	2	2	2	0	-1	-2	-3	-3	-3	-4	-4	-4	-4	2
21	[illegible]	-6	-7	-8	-4	-3	-4	-4	-3	-2	0	1	2	4	5	3	0	-3	-4	-5	-7	-8	-7	-8	-3	5
22	-9	-9	-10	-10	-11	-11	-12	-11	-7	-3	1	3	3	5	6	5	0	-3	-5	-6	-7	-8	-7	-6	-5	6
23	-6	-7	-8	-10	-10	-10	-10	-8	-5	-1	1	4	7	7	8	6	2	-1	-3	-5	-4	-5	-6	-7	-3	7
24	-7	-8	-9	-9	-9	-8	-8	-7	-6	-2	1	4	7	9	9	6	3	1	-1	-3	-4	-4	-3	-2	-2	9
25	-2	-1	1	-1	-3	-2	-3	-2	-2	-2	-1	-1	-1	-1	-1	-2	-3	-4	-5	-5	-5	-6	-6	-8	-3	1
26	-8	-8	-9	-9	-8	-9	-9	-9	-9	-7	-7	-6	-7	-6	-4	-5	-6	-6	-6	-6	-7	-7	-8	-6	-7	-4
27	-11	-11	-10	-10	-9	-9	-9	-9	-9	-7	-5	-5	-5	-5	-3	-4	-4	-4	-3	-4	-5	-5	-5	-5	-7	-3
28	-5	-6	-6	-6	-6	-5	-5	-4	-3	-3	-2	1	3	5	5	3	3	3	2	0	1	1	-1	-3	-1	5
29	-3	-4	-4	-5	-5	-7	-10	-9	-5	-4	4	-4	-5	-5	-5	-5	-7	-6	-7	-7	-7	-8	-6	-8	-6	-3
30	-10	-10	-9	-10	-12	-13	-15	-16	-12	-7	-1	2	2	2	2	0	-1	-1	-2	-1	-2	-1	1	1	-5	2
31	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVE	-5	-6	-6	-7	-7	-7	-7	-7	-3	0	2	4	5	6	7	6	3	1	-1	-2	-2	-3	-3	-4	-2	1
PEAK	1	1	1	4	4	4	4	4	4	4	5	5	5	5	5	6	5	5	4	4	4	4	4	4	4	1

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT, UTAH

SITE 9 10

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

* SUBJECT TO REVISION *

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-2	-3	1	-2	-3	-4	-4	-5	-2	5	11	14	11	7	6	5	2	2	-1	-2	-3	-3	-3	-4	1	14
2	-5	-6	-7	-8	-8	-8	-8	-7	-4	2	6	7	7	7	7	6	2	-1	-3	-4	-4	-5	-5	-5	-2	7
3	-8	-8	-7	-9	-9	-9	-9	-9	-4	0	2	4	5	6	7	6	3	1	-1	-3	-3	-5	-5	-6	-2	7
4	-6	-7	-9	-9	-9	-9	-9	-9	-7	-2	2	3	4	3	4	2	-1	-3	-5	-6	-6	-6	-7	-6	-4	4
5	-6	-6	-7	-7	-7	-7	-7	-7	-7	-3	-2	-2	-1	3	3	6	-1	-2	-3	-2	-1	-1	0	0	-3	3
6	0	0	-2	-4	-4	-5	-6	-5	-3	1	5	9	7	7	7	6	4	0	1	-1	-3	-4	-4	-4	0	9
7	-5	-5	-6	-6	-6	-6	-7	-6	-4	-2	1	2	2	2	4	2	0	0	-2	-2	-4	-4	-4	-4	-3	4
8	-6	-7	-7	-6	-6	-7	-6	-6	-5	-4	-3	-1	-1	1	2	1	-3	-5	-5	-5	-5	-5	-6	-5	-4	2
9	-6	-6	-6	-6	-7	-7	-6	-6	-5	-5	-4	-4	-6	-5	-5	-5	-6	-5	-2	-5	-5	-5	-4	-5	-5	-3
10	-6	7	-7	-7	-8	-8	-7	-7	-7	-5	-5	-4	-5	-4	-4	-3	-4	-3	-5	-6	-5	-5	-6	-5	-6	-3
11	-5	-5	-7	-7	-7	-7	-6	-6	-6	-3	-4	-4	-3	-3	-3	-3	-5	-4	-5	-6	-5	-5	-5	-5	-5	-3
12	-6	-4	-5	-5	-5	-5	-5	-4	-3	-3	-2	0	-2	1	4	0	5	4	5	4	3	0	-3	-4	-1	6
13	-3	-4	-3	-3	-2	-3	-5	-5	-2	2	7	10	7	4	3	2	0	0	-3	-3	-3	-4	-5	-3	-1	10
14	-4	-5	-5	-5	-6	-7	-7	-9	-8	-7	-6	-3	-3	-1	-2	-5	-9	-12	-14	-16	-18	-18	-18	-18	-9	-1
15	-20	-21	-21	-20	-20	-20	-22	-20	-18	-13	-9	-7	-5	-2	-3	-7	-11	-14	-12	-16	-16	-16	-15	-16	-15	-2
16	-19	-19	-19	-19	-20	-21	-20	-21	-17	-11	-7	-5	-4	-1	0	-5	-12	-14	-13	-16	-16	-17	-16	-18	-14	0
17	-18	-19	-19	-19	-20	-18	-20	-19	-16	-9	-5	-3	-4	-5	-5	-7	-9	-11	-13	-14	-15	-15	-16	-18	-13	-3
18	-19	-19	-19	-18	-19	-22	-22	-20	-16	-9	-5	-3	-3	-2	-3	-5	-8	-10	-11	-15	-15	-16	-16	-17	-13	-2
19	-19	-17	-20	-21	-20	-22	-23	-22	-17	-11	-6	-6	-5	-5	-6	-6	-12	-14	-15	-15	-15	-16	-17	-18	-13	-5
20	-20	-20	-20	-20	-20	-21	-22	-22	-17	-11	-6	-6	-6	-7	-7	-9	-12	-13	-18	-16	-17	-16	-16	-16	-15	-7
21	-16	-15	-16	-17	-17	-13	-17	-17	-14	-10	-7	-5	-6	-3	-5	-6	-8	-9	-10	-11	-10	-9	-10	-11	-11	-3
22	-14	-14	-15	-15	-16	-16	-17	-16	-14	-11	-10	-9	-8	-6	-3	-5	-8	-9	-11	-14	-15	-15	-15	-15	-12	-3
23	-17	-16	-17	-15	-15	-16	-15	-14	-12	-9	-8	-7	-6	-3	-1	-2	-6	-9	-11	-12	-14	-13	-14	-14	-11	-1
24	-15	-12	-14	-16	-16	-17	-18	-17	-14	-10	-7	-5	-6	-6	-9	-10	-10	-9	-10	-9	-9	-10	-11	-11	-12	-5
25	-10	-9	-10	-10	-9	-11	-12	-13	-13	-10	-8	-6	-9	-6	-3	-5	-8	-9	-10	-10	-10	-10	-9	-10	-9	-3
26	-11	-10	-11	-13	-14	-16	-16	-15	-11	-10	-10	-9	-9	-6	-7	-9	-10	-10	-9	-8	-8	-9	-10	-10	-10	-6
27	-12	-12	-14	-15	-14	-15	-15	-14	-13	-7	-2	2	2	1	2	1	-1	-2	-3	-8	-9	-10	-13	-14	-8	2
28	-15	-13	-15	-17	-17	-18	-19	-19	-16	-12	-7	-3	-3	-2	2	-1	-7	-9	-11	-13	-15	-17	-17	-16	-12	2
29	-18	-19	-20	-21	-20	-21	-21	-18	-14	-9	-7	-5	-7	-6	-6	-6	-8	-11	-13	-14	-16	-15	-16	-16	-14	-5
30	-17	-16	-17	-17	-17	-18	-19	-18	-14	-10	-6	-6	-6	-5	-5	-6	-7	-8	-8	-8	-8	-8	-8	-7	-11	-5
31	-7	-8	-8	-8	-8	-9	-9	-9	-8	-6	-6	-4	-5	-7	-6	-7	-8	-9	-9	-10	-10	-10	-11	-9	-8	-4
AVE	-11	-11	-11	-12	-12	-13	-13	-12	-10	-6	-4	-2	-2	-1	-1	-2	-5	-6	-6	-9	-9	-9	-10	-10	-8	[ ]
SD	6	4	4	6	6	6	6	6	5	5	5	6	5	4	3	5	5	5	5	5	6	5	6	6	5	[ ]

EMPERATURE
DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 10

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	11	13	14	15	15	19	19	17	12	-0	-6	-7	-9	-9	11	13	15	18	20	21	21	21	24	11	24
2	26	26	27	27	25	26	27	27	24	21	16	12	10	-8	11	14	16	19	19	20	19	19	21	20	19	27
3	18	23	24	25	27	26	26	27	23	17	10	-0	12	12	13	14	15	15	15	14	15	15	14	14	17	27
4	13	15	16	16	15	15	15	15	14	11	-8	-7	-9	-9	-7	-6	-8	13	16	18	19	21	20	20	9	21
5	20	20	21	21	18	16	15	15	13	-9	-7	-5	-6	10	-6	-6	-7	-8	-8	-8	-8	-9	-8	-9	3	21
6	-2	-3	11	12	13	14	15	16	16	10	-4	0	2	-2	-5	-5	-6	-2	-2	-8	11	14	15	16	4	16
7	17	19	19	20	19	19	19	19	18	12	-8	-4	-6	-2	-2	-2	-5	11	14	14	15	14	14	14	10	20
8	15	14	15	15	15	11	11	11	-0	-6	-5	-3	-5	-3	-3	-4	-7	-9	11	13	13	14	15	16	6	16
9	17	17	18	18	18	17	18	18	16	11	-6	-3	-3	2	1	-4	-5	-6	-7	-8	-9	10	-10	-5	5	18
10	19	12	11	10	-10	12	-10	-9	10	-6	1	3	2	5	2	1	-2	-8	-7	-9	11	13	14	14	3	14
11	15	16	16	18	18	19	13	16	16	11	-6	-2	-2	-5	1	-1	-3	-9	11	11	13	12	12	12	9	19
12	12	11	-2	10	10	13	14	14	12	-9	-6	-5	-2	-2	-4	-5	-3	-3	0	2	-1	-4	-4	-5	2	14
13	-3	-3	-4	-6	-7	10	12	14	15	10	-3	1	1	3	1	2	-1	-9	11	12	12	13	14	15	5	15
14	16	13	13	19	20	20	20	19	18	14	-8	-5	-2	-3	-3	-3	-7	-9	11	12	13	14	14	14	9	20
15	16	16	15	18	18	18	17	17	17	12	-9	-5	-3	-4	0	-1	-3	-5	-7	-6	-7	-8	-8	-10	4	18
16	11	13	14	14	14	14	14	14	12	-7	-1	2	-1	0	4	4	-2	-4	-6	-7	-8	-9	10	11	4	14
17	11	12	13	13	13	14	15	15	14	11	-6	0	3	2	3	2	1	-3	-5	-7	-8	-9	-9	-9	4	15
18	11	12	11	12	13	13	13	12	12	-7	-1	0	2	4	2	-1	-3	-4	-6	-6	-8	-8	10	-10	3	13
19	11	12	13	14	15	15	15	16	14	-9	-3	0	1	1	1	2	0	-5	-8	-9	11	13	14	14	6	16
20	15	15	15	16	17	18	18	17	16	10	-5	0	0	-3	-1	-2	-3	-6	-9	-9	12	14	14	14	7	18
21	15	15	16	17	18	18	18	17	16	10	-5	-2	2	2	0	-1	-3	-5	-6	10	11	13	14	14	8	18
22	16	17	18	18	19	19	19	19	19	13	-7	-2	-3	-4	-3	-4	-5	-9	11	13	14	15	15	17	9	19
23	17	18	18	18	21	21	21	21	19	14	10	-9	-7	-5	-6	-8	-9	-9	-9	-6	-9	-9	-9	-8	4	21
24	-8	-8	-8	-8	-8	-10	-10	-0	-0	-8	-4	-2	1	-1	0	1	-1	-9	-9	-10	-9	11	12	11	-4	12
25	12	13	15	16	16	16	15	13	12	-7	-2	2	1	0	-1	-4	-5	-8	11	12	12	14	14	17	8	17
26	17	19	18	18	18	19	19	19	15	-10	-4	1	-2	-4	-4	-5	-5	-5	-7	-7	-7	-10	10	11	5	19
27	13	14	14	15	17	17	17	17	15	-9	-4	-3	-1	0	0	-3	-4	-9	-6	-8	-8	-8	-9	-9	3	17
28	11	11	12	13	13	14	14	14	13	-9	-5	-4	-2	2	6	3	1	-4	-6	-7	-8	-9	-9	-10	2	14
29	11	13	14	12	13	14	13	13	11	-6	0	3	1	1	1	2	2	-3	-5	-5	-9	-10	10	11	4	14
30	11	11	14	13	13	13	13	12	11	-8	-2	3	5	6	3	3	2	-2	0	1	1	0	-1	-4	5	14
31	-7	-8	11	-10	-10	11	11	12	-9	-3	-1	3	2	2	2	6	2	-1	-4	-6	-7	-9	-9	-9	-1	12
AV	12	12	14	14	13	15	15	15	13	3	-3	-1	-1	0	0	0	-1	-2	1	1	4	5	7	7	6	[ ]
SD	6	9	3	8	9	6	7	7	8	10	6	4	4	5	5	5	6	8	10	11	11	11	11	12	5	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 11

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.0	3.5	3.5	2.5	2.5	2.5	3.0	3.0	2.5	3.0	4.0	3.5	3.5	4.0	3.5	4.0	3.5	3.0	3.0	5.0	19.0	8.5	7.5	5.0	4.5	19.0
2	8.0	8.0	6.5	8.5	7.0	5.0	4.0	5.0	4.5	3.0	4.0	4.5	3.5	3.0	3.0	2.5	2.5	3.0	3.0	2.5	3.0	5.0	7.5	6.5	4.5	8.5
3	7.5	7.0	8.5	5.0	7.0	7.0	7.5	6.5	5.0	4.0	5.5	4.5	4.0	3.0	3.5	4.0	5.0	5.0	3.5	4.0	5.0	5.5	7.0	7.0	5.5	8.5
4	6.5	7.0	7.0	4.5	7.5	3.0	3.5	5.0	1.5	2.5	2.5	3.5	3.5	4.0	4.0	3.0	3.0	2.5	2.5	3.0	2.5	4.5	4.5	7.0	4.0	7.5
5	6.5	6.0	6.5	7.0	6.5	6.0	5.5	5.5	3.5	2.5	3.5	4.5	4.5	4.0	4.0	5.5	5.0	2.5	3.0	3.0	2.5	4.0	4.0	2.5	4.5	7.0
6	4.0	2.5	3.5	3.0	3.5	3.5	4.0	5.0	4.0	2.5	4.0	4.0	4.5	8.0	13.0	8.0	4.0	4.0	9.0	8.0	4.0	5.0	7.0	6.0	5.0	13.0
7	8.0	3.0	4.0	5.5	4.5	3.0	4.0	4.5	3.0	6.0	7.5	7.0	7.0	7.5	13.5	11.0	10.5	18.0	16.0	11.5	7.0	9.0	5.5	3.0	7.5	18.0
8	3.5	2.0	3.0	5.0	6.0	6.5	5.0	5.0	4.5	2.5	5.5	5.5	5.0	2.5	2.5	4.0	3.5	4.5	4.0	5.5	3.5	4.5	4.0	3.5	4.5	6.5
9	4.5	5.5	7.0	6.0	5.5	6.5	4.5	4.5	5.0	8.0	6.0	5.5	6.5	6.5	6.5	5.0	3.5	3.5	4.0	4.5	6.5	6.0	3.5	4.0	5.5	8.0
10	6.5	4.0	4.0	4.0	2.0	2.5	2.5	5.0	3.5	5.0	10.5	11.0	11.5	7.0	10.0	8.0	7.0	10.0	16.5	13.5	5.5	4.5	14.5	7.0	7.5	16.5
11	11.5	15.0	14.0	12.5	14.0	15.5	14.0	12.5	3.5	4.5	6.0	5.5	8.5	9.0	10.0	10.5	11.5	11.0	6.0	4.0	4.5	4.5	4.5	7.0	9.0	15.5
12	6.5	5.5	7.0	7.5	7.5	7.0	3.5	8.5	7.0	4.0	5.0	3.5	3.5	6.5	6.0	4.0	3.0	5.0	4.5	4.0	3.5	5.0	6.0	7.5	5.5	6.5
13	6.5	3.0	5.0	6.5	3.0	4.5	5.0	3.0	2.5	3.0	4.0	5.0	7.0	5.5	2.5	3.0	3.5	4.5	2.5	2.5	4.0	4.5	5.0	4.0	4.0	7.0
14	4.0	4.0	3.5	2.5	3.5	5.5	4.5	4.3	3.0	3.5	4.5	4.0	6.0	6.0	4.0	6.5	4.0	2.0	3.0	4.0	3.0	3.0	3.0	2.5	4.0	6.5
15	3.5	4.5	4.0	3.5	5.0	6.0	3.0	4.0	2.5	5.0	4.5	4.5	5.0	4.5	4.5	3.0	6.0	2.5	3.0	2.0	3.5	6.0	4.5	5.5	4.0	6.0
16	3.5	5.0	3.0	4.0	2.5	4.5	4.5	3.0	3.5	3.0	2.5	6.5	5.5	7.5	2.5	2.5	1.5	2.5	3.5	3.5	3.0	4.0	4.0	3.0	3.5	7.5
17	2.5	4.0	2.5	2.5	3.0	2.5	3.0	2.5	3.0	6.0	6.5	5.5	5.5	3.0	4.0	2.5	2.5	2.5	4.0	3.5	3.0	5.5	4.5	3.5	3.5	6.5
18	3.0	3.5	5.0	7.0	7.0	4.5	6.0	3.0	3.5	5.5	6.5	6.0	6.0	6.5	5.0	5.5	5.5	4.5	4.5	11.0	8.5	6.5	9.5	8.0	6.0	11.0
19	4.5	2.3	4.0	3.5	2.3	2.5	5.5	4.5	6.0	8.0	9.5	8.5	8.5	9.0	8.0	6.0	7.5	7.5	9.0	9.5	7.5	6.5	5.5	5.0	6.5	9.5
20	4.5	5.0	2.5	4.5	5.5	7.5	10.0	8.5	8.5	3.0	3.5	4.0	4.0	4.0	4.0	4.0	3.0	7.5	7.5	3.0	3.0	3.5	3.0	2.5	5.0	10.0
21	3.0	5.0	6.0	3.5	3.5	2.5	2.5	3.0	4.0	5.5	4.0	3.0	3.5	4.0	4.0	2.5	2.5	2.5	4.0	6.0	9.5	8.5	7.0	8.5	4.5	9.5
22	7.5	9.0	5.0	7.5	6.5	9.0	3.5	5.0	4.0	3.0	4.0	5.0	5.0	3.5	2.0	2.5	4.5	4.5	3.0	2.5	4.0	4.0	2.0	2.5	4.5	9.0
23	3.5	3.5	4.5	4.0	3.0	3.5	4.0	3.0	4.0	5.5	4.5	5.5	4.0	2.5	3.0	3.5	3.0	2.0	2.5	4.5	4.5	7.5	5.5	7.0	4.0	7.5
24	7.5	8.0	7.5	10.0	12.5	9.5	9.5	6.0	4.0	5.5	3.0	4.0	3.5	3.5	3.5	3.0	5.0	6.0	7.0	6.5	5.5	3.5	3.5	6.0	6.0	12.0
25	12.5	8.5	22.5	10.5	13.5	18.5	8.5	9.5	7.5	5.5	8.5	9.5	8.5	9.5	8.0	9.5	8.0	8.5	7.0	6.0	9.0	9.5	8.0	9.5	10.0	22.5
26	8.5	9.0	10.5	8.0	6.0	7.0	6.5	6.5	3.3	2.5	5.5	8.5	9.0	12.5	10.0	7.5	6.0	4.5	3.5	3.0	3.0	3.0	5.0	3.5	6.5	12.5
27	4.0	2.0	3.5	2.5	2.5	3.5	3.0	2.0	2.0	3.5	4.5	6.5	6.5	3.5	2.5	2.5	1.5	2.5	3.0	2.5	6.0	5.0	3.0	2.5	3.5	6.5
28	3.0	2.0	2.5	3.0	3.0	2.5	2.5	4.5	3.5	14.0	10.5	9.5	10.0	11.0	13.5	17.5	16.5	15.5	15.0	15.5	16.0	14.0	17.0	15.0	10.0	17.5
29	17.0	6.0	2.5	7.0	10.0	9.0	4.5	2.5	6.0	12.0	14.0	21.0	21.5	19.0	17.5	21.5	22.5	20.0	23.5	20.5	13.5	6.0	7.0	8.5	13.0	23.5
30	5.5	5.0	10.0	10.5	10.0	9.5	6.5	8.5	3.0	4.0	7.5	8.0	9.0	9.5	9.5	6.0	7.5	10.5	8.0	7.0	5.0	4.5	3.5	6.0	7.5	10.5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	6.0	5.5	6.0	6.0	6.0	6.0	5.0	5.0	4.0	5.0	5.5	6.0	6.5	6.5	6.5	6.0	6.0	6.0	6.5	6.0	6.0	5.5	6.0	5.5	6.0	[ ]
SD	3.2	2.8	4.1	2.7	3.4	3.7	2.6	2.4	1.6	2.7	2.6	3.4	3.5	3.6	4.0	4.4	4.4	4.7	5.0	4.3	4.0	2.3	3.2	2.7	2.2	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 14 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5.0	6.0	6.5	7.0	8.0	5.5	7.5	9.0	7.0	7.5	9.5	8.0	6.5	5.0	8.0	6.5	3.0	2.5	3.5	2.5	2.5	2.5	4.5	3.5	6.0	9.5
2	2.5	4.0	4.0	5.0	6.0	5.5	3.5	3.0	2.5	2.5	3.5	3.0	5.0	5.0	5.5	4.5	3.0	4.0	2.5	1.5	2.5	1.5	2.5	2.5	3.5	6.0
3	3.0	4.0	4.5	4.5	5.0	3.5	2.5	4.0	3.5	2.5	5.0	4.5	5.0	4.5	3.0	2.5	2.0	2.0	1.5	2.5	1.5	1.0	2.5	3.0	3.0	5.0
4	4.5	4.5	5.5	6.0	3.0	4.0	4.0	6.0	2.5	3.0	5.0	3.5	4.0	5.5	3.5	6.0	4.0	5.0	2.5	2.5	2.5	2.5	4.0	3.0	4.0	5.5
5	4.5	4.5	4.0	4.5	4.0	4.0	3.5	7.0	3.0	3.0	5.5	8.0	[MT]	4.0	4.0	7.0	2.5	3.0	3.0	2.5	3.5	5.5	3.5	4.0	4.0	8.0
6	6.5	7.0	9.0	6.5	3.5	2.5	3.0	2.5	3.0	2.5	2.5	3.0	5.5	6.0	5.0	4.0	3.5	2.5	2.5	1.0	2.5	2.5	2.0	4.5	4.0	8.0
7	3.5	4.5	4.0	3.5	3.5	4.0	3.5	3.5	3.5	5.5	5.0	4.0	3.0	2.5	4.0	4.5	2.5	2.5	3.5	3.0	2.5	3.0	4.5	2.5	3.5	5.5
8	2.5	4.0	3.5	3.0	4.0	4.0	4.5	5.0	2.5	3.5	3.5	6.5	4.0	6.5	3.0	2.5	3.0	3.5	3.5	3.5	4.0	3.0	2.0	4.5	3.5	6.5
9	3.5	3.0	2.0	2.5	2.5	3.5	3.5	3.0	2.0	4.0	2.5	2.5	2.0	3.5	4.5	4.0	2.5	1.0	2.0	1.0	2.5	1.5	2.5	2.5	2.5	4.5
10	2.5	1.0	1.5	2.0	2.5	2.0	2.5	2.0	2.5	1.5	.5	2.0	2.0	1.5	2.0	1.5	2.0	2.5	1.5	2.5	2.0	2.0	1.5	1.0	2.0	2.5
11	2.0	1.5	1.5	2.0	2.0	1.5	2.0	2.0	2.0	2.5	2.5	5.0	3.0	4.0	6.0	2.5	5.5	5.5	3.5	2.5	3.5	5.0	5.0	3.5	3.0	6.0
12	4.0	2.5	2.5	3.5	2.5	2.5	4.0	3.5	2.0	3.5	11.0	13.0	13.5	15.0	12.5	13.5	11.0	12.0	12.0	13.0	11.0	9.5	7.5	4.0	8.0	15.0
13	7.5	7.0	6.5	5.0	4.0	4.0	3.5	3.0	5.5	7.5	9.5	11.0	10.5	9.5	12.5	15.5	8.5	5.0	11.5	7.0	10.0	7.5	6.0	8.0	7.5	15.5
14	3.0	6.0	6.5	3.5	7.0	6.5	8.5	8.0	10.5	11.5	13.0	12.5	10.0	7.5	6.5	3.5	2.5	3.5	3.0	5.5	9.5	5.5	5.0	8.0	7.0	13.0
15	7.0	6.0	5.0	5.0	5.0	3.5	3.0	2.5	3.5	2.5	2.0	4.0	3.0	2.5	3.0	2.0	2.5	2.5	2.0	2.0	2.5	2.5	2.5	2.0	3.5	7.0
16	3.5	4.0	2.5	3.5	2.5	3.0	3.0	2.5	3.0	2.0	2.5	2.0	2.5	2.5	2.5	2.5	2.5	2.5	3.5	4.0	5.0	5.0	5.0	5.0	3.0	5.0
17	6.0	7.0	6.5	6.0	2.5	6.0	6.0	5.5	3.0	3.0	3.5	6.0	5.5	5.5	5.5	3.0	3.0	2.5	2.0	3.5	3.5	2.5	3.5	2.5	4.0	7.0
18	4.0	3.0	3.5	4.5	2.5	4.5	4.5	5.0	3.5	3.0	4.0	4.0	3.5	4.0	3.5	2.5	3.0	3.0	3.5	4.5	4.5	2.5	2.0	2.0	3.5	5.0
19	3.0	2.0	3.5	3.5	3.0	4.0	4.5	5.5	3.5	2.5	2.5	5.0	3.0	3.5	4.0	6.0	5.0	4.0	3.5	2.5	2.5	3.0	5.0	4.0	3.5	6.0
20	2.5	2.5	2.5	4.0	3.5	4.0	4.5	3.0	2.5	2.0	3.5	5.0	4.5	4.0	4.5	4.0	4.5	3.5	4.0	3.5	3.5	3.0	2.5	3.0	3.5	5.0
21	4.0	2.5	3.5	3.0	2.5	3.5	2.5	3.0	2.5	3.0	2.5	3.5	4.5	2.5	2.5	3.0	5.5	4.5	2.0	4.0	6.0	3.5	3.0	2.5	3.5	6.0
22	2.5	3.5	2.5	2.5	4.0	4.0	3.5	2.5	3.5	2.5	5.0	5.5	5.0	5.0	4.5	4.0	2.5	2.0	2.5	1.5	2.0	1.5	2.0	4.5	3.5	5.5
23	5.5	3.5	2.5	6.0	2.5	2.5	2.5	2.5	2.5	2.5	3.0	3.0	3.0	5.0	4.0	2.5	3.0	3.5	3.0	4.0	6.5	5.0	2.5	3.0	3.5	6.5
24	4.0	2.5	5.5	7.0	2.5	2.5	2.5	2.5	2.0	3.0	2.5	5.0	5.5	4.5	6.0	8.5	5.0	3.0	5.0	3.0	4.0	4.0	4.0	4.0	4.0	8.5
25	4.0	2.5	1.5	6.5	3.0	4.5	3.5	5.0	3.0	4.5	4.5	8.0	6.0	4.0	4.0	3.5	5.0	8.0	6.5	2.0	1.0	3.5	6.0	4.5	4.5	8.0
26	4.0	2.5	2.0	3.0	4.0	4.5	4.5	2.5	2.5	3.5	3.0	3.0	3.0	5.5	6.5	5.0	4.0	3.0	2.5	2.5	5.0	15.0	13.5	8.0	4.5	15.0
27	6.5	2.5	2.5	2.5	3.0	3.5	3.5	4.0	4.0	5.5	3.5	6.5	10.5	5.5	4.0	9.0	7.5	5.0	3.0	5.5	4.0	7.0	6.5	3.5	5.0	10.5
28	6.5	2.5	3.5	3.5	4.5	3.5	3.5	5.0	3.0	4.0	2.5	4.5	7.5	4.5	3.0	4.0	3.0	3.0	4.5	6.5	3.5	3.0	3.5	8.5	4.0	8.5
29	7.5	8.0	5.5	7.5	4.5	3.0	4.0	4.5	5.0	4.0	2.5	3.0	6.0	5.0	4.0	5.5	4.0	2.0	2.5	3.0	2.0	2.5	2.0	2.5	4.0	8.0
30	3.5	3.5	2.5	4.0	6.5	5.5	5.5	4.5	2.5	2.5	3.5	3.0	4.0	6.5	10.0	7.0	7.0	6.5	6.0	4.5	2.5	3.0	8.5	7.0	5.0	10.0
31	4.5	4.0	2.5	3.5	3.0	6.0	8.5	6.5	5.5	7.5	8.5	9.5	9.0	10.5	13.0	7.5	4.0	5.0	3.5	3.5	5.0	6.0	3.5	3.5	6.0	13.0
AV	4.5	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.5	4.0	4.5	5.5	5.5	5.0	5.5	5.0	4.0	4.0	3.5	3.5	4.0	4.0	4.0	4.0	4.0	[ ]
SD	1.6	1.3	1.0	1.5	1.4	1.1	1.6	1.7	1.7	2.1	2.8	2.9	2.8	2.6	2.9	3.1	2.0	2.1	2.4	2.2	2.4	2.8	2.4	1.9	1.4	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 11

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.0	5.5	6.0	5.5	6.5	8.0	8.0	7.5	6.0	3.0	3.0	3.0	3.5	4.5	2.5	2.5	2.0	3.5	2.5	3.0	2.5	3.5	4.5	5.5	4.5	8.0
2	7.5	8.5	6.5	7.0	8.5	6.0	5.5	8.5	3.5	4.0	3.5	3.0	4.5	3.0	3.5	5.5	6.0	4.0	2.5	3.0	2.5	3.0	2.0	2.0	4.5	8.5
3	2.5	2.5	3.0	3.0	4.0	4.5	4.0	4.0	2.0	2.5	2.5	4.0	3.5	5.0	2.5	3.0	4.0	2.0	1.5	2.5	2.5	2.5	2.5	2.0	3.0	5.0
4	2.5	1.5	2.0	2.0	2.0	2.5	3.0	2.0	2.5	4.5	3.0	4.0	5.0	4.0	2.5	2.5	2.5	2.5	2.0	2.5	2.5	3.0	4.0	4.0	3.0	5.0
5	3.0	2.0	3.5	2.5	3.5	6.0	4.5	2.5	3.5	3.0	2.5	6.5	3.0	3.0	4.0	3.5	3.0	2.0	2.5	4.0	9.5	7.0	3.0	4.0	4.0	9.5
6	4.0	4.5	3.5	3.0	3.0	5.0	6.0	6.5	6.0	4.5	4.5	3.5	7.0	8.0	6.5	6.0	5.0	6.0	5.5	3.0	3.0	6.0	4.0	9.0	5.0	9.0
7	8.5	9.0	8.5	8.0	11.5	12.0	6.0	3.5	4.5	5.0	5.0	4.0	3.0	2.5	2.5	2.5	2.5	3.0	2.5	2.5	2.5	4.0	2.5	5.0	5.0	12.0
8	3.0	2.5	2.5	2.0	3.5	3.0	4.5	4.5	2.5	2.5	3.0	4.0	3.5	3.5	2.5	4.0	2.5	2.0	2.5	3.0	2.0	2.0	2.0	3.0	3.0	4.5
9	4.0	2.5	2.0	3.0	3.0	2.5	3.5	4.0	2.5	2.5	2.5	3.5	3.5	3.5	3.5	5.5	4.0	3.0	4.0	2.5	2.5	2.5	3.0	3.5	3.0	5.5
10	2.5	2.5	2.5	5.0	4.0	4.5	2.5	4.0	2.5	2.5	3.0	4.0	5.5	7.5	8.5	4.5	6.0	6.0	3.0	2.5	2.5	3.0	4.5	5.5	4.0	8.5
11	6.0	7.5	3.5	4.0	8.0	8.0	3.5	3.0	5.5	4.0	2.5	6.0	5.5	4.5	2.5	2.5	3.5	3.0	2.5	2.5	4.0	4.0	2.5	4.5	4.5	8.0
12	3.5	5.0	2.5	5.5	6.0	6.0	4.0	2.5	3.0	3.0	3.5	3.5	4.5	4.5	4.5	3.0	11.0	12.0	16.5	14.5	15.5	8.5	5.5	8.5	6.5	16.5
13	21.5	25.5	19.5	12.5	10.5	8.5	7.0	7.5	10.0	10.0	7.0	4.0	5.0	6.5	5.5	2.0	2.0	2.5	5.5	7.5	6.5	8.0	9.0	8.5	9.0	25.5
14	7.5	3.0	2.5	2.5	2.5	4.0	3.0	7.0	6.0	6.0	2.5	4.5	3.0	5.5	4.0	3.0	4.0	4.0	3.5	2.5	3.0	2.5	2.5	3.0	4.0	7.5
15	3.5	2.5	3.5	5.0	3.5	4.0	4.0	2.5	3.0	4.5	2.5	4.0	5.5	4.0	3.5	3.5	2.5	3.0	4.5	6.0	3.5	3.0	5.5	7.0	4.0	7.0
16	2.5	3.5	4.0	3.0	3.0	2.5	3.5	2.5	2.5	3.0	3.0	4.0	5.0	4.0	2.0	2.0	3.0	6.5	6.0	4.0	4.0	2.5	2.5	3.0	3.5	6.5
17	2.5	2.5	2.5	2.5	4.0	4.0	2.5	2.5	3.5	2.5	2.0	5.0	4.5	4.5	4.5	2.5	2.5	2.5	2.0	2.0	1.0	2.0	2.5	3.5	3.0	5.0
18	4.5	2.5	2.5	2.5	3.5	2.5	2.5	4.0	3.0	2.5	2.5	3.5	4.0	4.0	3.0	5.0	6.0	5.0	3.0	3.0	3.5	4.0	3.5	7.5	3.5	8.0
19	5.0	7.0	6.5	2.5	3.0	4.0	5.0	2.5	2.5	2.0	2.5	5.0	6.0	7.0	7.5	7.5	4.5	4.5	3.0	5.0	4.5	4.0	3.5	6.0	4.5	7.5
20	7.0	6.5	7.5	8.5	5.5	5.0	6.0	5.5	4.0	3.0	2.0	4.0	3.5	3.5	4.5	4.5	3.0	2.5	2.0	2.0	2.5	1.5	2.5	4.0	4.5	8.5
21	7.5	9.5	5.0	5.5	5.5	6.0	6.0	6.0	4.5	2.5	3.0	5.0	4.0	3.5	4.0	5.0	3.0	3.5	4.5	2.0	2.5	4.0	5.5	3.5	4.5	8.0
22	5.0	4.5	2.0	3.0	2.5	4.0	3.5	2.5	2.5	2.5	2.5	3.0	5.0	5.0	4.5	4.0	4.0	5.0	4.5	4.5	2.5	2.5	4.0	9.0	4.0	9.0
23	3.5	2.5	3.0	4.5	3.5	4.0	3.0	2.5	3.0	4.0	6.0	4.5	6.0	3.0	4.0	5.0	4.0	4.5	6.0	3.0	3.5	4.0	5.5	8.0	4.0	8.0
24	5.5	4.5	4.5	4.5	3.5	2.5	2.5	3.0	5.0	3.5	5.0	5.0	4.5	4.5	3.5	5.0	3.0	2.5	6.0	11.0	11.0	7.5	4.5	2.5	5.0	11.0
25	4.5	4.5	4.0	4.5	5.5	8.5	11.5	10.0	6.0	4.0	2.5	4.5	7.0	5.0	6.5	8.5	5.5	2.0	2.5	2.5	2.5	3.0	3.5	6.0	5.0	11.5
26	9.5	9.5	12.5	9.5	11.0	9.5	13.5	12.0	7.0	4.0	2.5	3.5	5.5	6.0	3.0	6.0	3.5	5.0	3.0	4.0	4.0	2.5	5.0	5.5	6.5	13.5
27	5.0	5.0	7.0	4.0	3.5	4.0	2.5	3.5	3.5	4.0	3.5	5.0	5.0	4.5	2.5	6.5	7.5	4.5	2.5	3.5	2.5	3.5	2.5	5.5	4.0	7.5
28	5.0	3.0	4.0	3.5	4.0	4.0	3.5	4.5	4.0	4.0	6.0	6.0	5.0	3.5	3.0	6.0	6.5	5.0	5.5	7.0	9.5	4.0	5.0	4.5	5.0	9.5
29	5.0	2.0	3.0	4.0	2.5	3.5	4.5	4.0	4.5	5.5	4.0	5.0	4.0	6.5	5.5	5.0	4.0	2.5	2.0	1.5	2.0	2.5	5.5	4.5	4.0	6.5
30	4.5	3.0	5.0	5.0	4.0	4.0	3.0	3.0	2.5	4.0	4.5	3.5	3.0	3.0	6.5	5.0	2.0	4.0	9.0	19.5	22.0	15.0	9.5	3.5	6.5	22.0
31	6.5	5.0	3.0	3.0	4.0	5.5	7.0	7.0	5.0	5.5	2.5	4.5	6.5	5.0	4.0	3.5	6.0	6.5	2.5	3.5	3.0	4.5	9.0	6.5	5.0	7.0
AV	5.0	5.0	4.5	4.5	5.0	5.0	5.0	4.5	4.0	3.3	3.3	4.5	4.5	4.5	4.0	4.3	4.0	4.0	4.0	4.5	4.5	4.0	4.0	5.0	4.5	[ ]
SD	3.5	4.3	3.5	2.4	2.5	2.3	2.5	2.5	1.7	1.5	1.3	.9	1.1	1.4	1.6	1.6	2.0	2.0	2.6	3.9	4.4	2.6	1.8	2.0	1.2	[ ]

IND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	110	355	160	115	115	85	105	105	25	330	290	280	295	265	295	270	260	355	125	55	125	130	135	115	6	
2	120	105	105	120	105	130	105	105	110	35	300	290	285	270	355	20	325	0	35	115	125	110	125	130	[VA]	
3	125	105	100	110	115	115	110	110	115	50	300	305	290	265	305	285	270	250	165	100	120	125	120	110	6	
4	110	115	120	105	120	125	120	110	345	350	310	310	300	295	290	290	330	335	335	100	85	105	115	125	6	
5	125	115	115	130	110	110	125	120	110	355	300	295	300	300	290	295	295	150	110	165	265	125	125	75	6	
6	110	35	85	340	5	105	330	50	25	355	340	320	305	295	305	300	270	150	175	160	30	95	155	165	16	
7	160	135	100	125	100	65	120	150	140	305	300	315	305	305	270	290	305	305	295	295	255	275	260	15	14	
8	140	30	185	140	120	85	85	85	90	245	310	315	305	10	55	85	65	70	90	25	5	95	195	195	5	
9	130	115	130	95	120	135	140	120	140	300	275	305	315	250	330	295	340	55	125	115	145	155	120	125	[VA]	
10	123	120	25	275	350	90	225	200	355	15	290	305	270	290	285	330	100	295	290	250	165	355	275	300	[VA]	
11	285	283	285	285	280	285	280	295	355	305	350	285	275	270	283	295	295	275	255	305	295	235	130	145	14	
12	115	115	110	115	115	115	120	130	105	315	305	5	315	320	320	300	290	280	275	225	125	125	120	135	6	
13	115	125	125	125	120	130	140	110	170	320	325	320	295	290	310	15	40	270	135	125	105	120	115	120	[VA]	
14	120	100	110	100	95	105	85	105	120	325	285	330	300	290	275	285	235	340	25	110	335	160	175	45	6	
15	115	105	90	25	120	125	330	175	355	300	350	280	290	285	275	285	315	35	285	355	115	110	135	115	6	
16	165	120	55	165	135	140	10	30	145	355	280	300	295	295	295	295	170	20	125	140	40	120	120	55	7	
17	143	255	70	200	150	70	55	105	0	305	305	305	280	275	280	305	320	25	300	90	330	180	120	145	15	
18	175	110	105	120	115	115	130	195	340	235	290	305	305	300	245	275	280	45	165	100	80	85	100	90	6	
19	50	285	125	45	35	290	5	70	40	75	90	100	65	75	55	65	70	80	90	90	85	90	100	50	5	
20	125	115	105	175	125	130	145	135	130	310	310	310	300	0	335	295	70	150	165	15	125	185	135	125	7	
21	130	115	120	125	110	105	245	270	300	310	310	280	345	50	45	55	170	140	130	125	150	140	130	135	7	
22	130	133	120	140	135	140	115	125	125	5	80	325	295	300	325	70	285	265	345	55	125	145	20	135	7	
23	65	115	105	110	135	115	40	200	130	10	290	335	5	105	345	300	245	200	90	110	95	130	115	125	6	
24	120	110	115	135	140	140	125	125	115	125	0	305	345	25	140	260	260	215	165	145	220	170	180	25	7	
25	275	290	300	295	315	310	25	95	90	55	340	40	310	355	85	90	90	135	115	120	135	145	125	125	[VA]	
26	110	125	145	130	130	140	145	150	115	25	185	205	160	140	155	185	205	285	295	315	45	175	295	300	7	
27	290	230	170	40	135	295	270	30	210	310	300	310	290	305	55	315	285	275	210	275	290	265	290	330	14	
28	295	225	35	250	280	340	25	120	20	280	180	145	255	225	180	190	170	175	165	155	165	165	170	185	8	
29	175	270	270	185	180	175	60	240	310	310	285	310	300	305	295	290	290	280	285	290	275	175	190	195	14	
30	185	185	170	200	185	200	195	180	115	130	255	230	225	235	250	260	170	175	180	180	310	195	205	260	10	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
PT	7	6	6	6	6	6	6	[VA]	6	15	[VA]	14	14	14	14	14	14	12	8	6	7	7	6	[VA]	6	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

DECEMBER,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 14 APR 76

SUBJECT TO REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	220	185	195	150	175	140	140	155	130	145	160	165	90	295	300	280	295	55	25	65	30	45	320	275	8	
2	100	85	125	115	140	80	270	10	300	0	15	320	290	290	285	265	260	285	270	20	180	120	225	130	14	
3	90	105	110	115	110	110	105	105	175	300	310	300	300	290	295	300	290	300	55	310	340	25	120	130	[VA]	
4	125	120	120	125	125	100	140	190	90	95	310	295	290	290	305	293	205	265	0	25	105	30	65	345	14	
5	220	250	85	270	10	195	70	0	30	165	275	305	[MT]	300	345	285	325	50	0	180	340	260	285	355	14	
6	110	220	115	205	15	325	110	25	330	35	355	205	295	305	300	290	300	310	115	75	55	110	270	90	14	
7	165	150	155	140	125	100	100	40	70	100	285	285	340	160	355	300	250	245	130	165	5	355	25	0	8	
8	25	110	250	210	340	275	140	160	100	0	45	290	220	295	310	255	305	275	155	30	250	270	255	55	13	
9	230	110	50	35	340	265	280	260	145	273	300	290	290	295	265	290	345	230	290	295	215	10	25	140	[VA]	
10	30	305	260	320	55	65	110	95	63	30	335	330	290	355	10	285	255	285	240	275	115	285	310	0	14	
11	130	35	290	105	110	5	5	215	55	20	355	295	70	290	295	170	280	145	265	175	115	115	270	280	[VA]	
12	285	270	115	80	325	315	275	285	320	105	155	160	165	175	165	165	160	160	165	170	170	175	160	130	8	
13	160	160	150	135	250	165	125	120	165	175	165	160	180	240	165	165	205	325	235	[IM]	[IM]	[IM]	[IM]	[IM]	8	
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[	]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[	]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[	]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[	]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	300	175	335	85	55	275	285	250	300	25	14	
19	110	160	70	100	95	85	90	85	90	35	270	285	305	305	300	300	295	265	135	95	250	195	115	125	5	
20	150	255	225	95	100	95	95	105	95	265	300	300	295	290	290	290	285	300	270	260	170	50	10	105	14	
21	115	95	35	125	45	155	240	240	35	290	65	290	285	355	195	5	285	275	355	265	275	295	105	75	13	
22	95	75	220	70	105	90	95	45	160	270	285	290	295	295	295	290	295	130	115	125	340	310	75	105	14	
23	105	120	125	315	50	120	30	85	110	340	340	310	60	285	300	90	200	185	145	260	215	140	255	120	6	
24	115	80	95	105	105	155	160	310	10	295	345	45	290	275	290	295	290	315	260	290	285	310	125	225	14	
25	230	160	180	350	25	300	85	215	285	50	280	290	300	295	205	205	230	280	260	265	300	120	115	80	14	
26	250	300	15	75	250	125	335	230	70	340	285	290	285	280	285	330	315	275	205	5	50	155	285	230	14	
27	160	345	25	35	330	0	315	155	155	175	295	285	285	300	30	275	275	305	5	305	170	125	110	20	[VA]	
28	70	105	75	105	95	100	60	110	110	100	345	285	300	295	255	290	290	80	100	95	185	165	110	120	5	
29	110	100	85	105	95	110	105	90	90	50	65	325	280	285	290	285	255	240	135	110	125	265	15	90	6	
30	110	110	175	55	160	200	105	0	95	130	50	275	345	285	280	230	120	135	175	180	60	65	65	75	6	
31	50	65	355	300	295	290	285	285	275	270	285	285	205	295	300	285	270	330	270	10	60	60	40	65	[VA]	
PV	6	3	[VA]	6	6	5	6	[VA]	5	13	14	[VA]	15	14	[VA]	13	[VA]	13	[VA]	13	9	6	6	6	14	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 11

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	35	90	95	110	120	100	110	120	110	120	355	205	45	95	0	185	75	10	45	110	90	100	95	105	5	
2	115	110	105	105	105	110	110	100	100	95	95	5	345	305	285	275	260	240	60	100	110	95	230	35	5	
3	245	115	105	120	100	110	110	150	90	110	10	295	300	290	285	280	290	285	355	325	135	270	255	50	[VR]	
4	305	25	305	45	130	195	105	255	335	265	305	290	250	275	305	20	40	350	340	150	45	45	125	125	15	
5	120	70	105	125	5	170	325	205	315	320	250	10	295	115	320	275	310	315	170	315	265	195	25	25	15	
6	50	340	305	280	250	100	120	75	120	35	135	235	205	290	265	265	210	110	120	235	220	105	125	140	6	
7	125	115	105	105	130	130	100	150	110	105	120	310	45	100	80	20	85	155	310	0	265	275	275	235	6	
8	10	25	25	315	335	40	290	290	305	65	340	320	305	290	35	290	275	260	150	80	315	315	45	275	14	
9	145	335	10	25	75	355	40	80	355	175	320	300	345	350	65	260	195	80	185	305	325	30	30	65	1	
10	305	330	225	275	255	135	290	350	125	155	85	105	260	260	260	260	185	175	255	345	215	175	125	130	13	
11	120	110	95	90	120	115	125	105	105	90	5	300	290	250	185	115	110	105	320	350	265	270	55	125	6	
12	310	90	25	340	265	165	45	50	320	175	310	310	15	200	215	60	270	250	265	270	275	270	285	280	13	
13	270	275	285	275	270	240	120	115	120	125	115	355	280	285	255	120	45	60	105	110	105	105	105	110	6	
14	100	270	155	5	110	110	130	115	105	40	105	355	285	290	290	280	245	130	10	35	205	15	335	125	6	
15	215	120	50	100	330	325	260	105	90	250	10	320	285	290	285	190	15	105	255	270	170	45	15	275	13	
16	175	115	105	125	40	305	70	15	240	280	320	310	290	295	270	225	275	285	290	215	120	210	115	130	14	
17	75	170	120	80	80	115	130	50	80	35	275	310	285	295	295	280	330	300	135	0	125	40	5	115	14	
18	105	340	105	105	5	65	95	105	310	225	10	320	280	305	205	110	280	25	45	290	35	125	125	110	6	
19	100	120	65	110	270	265	220	70	45	40	335	310	275	275	275	265	250	235	175	105	110	110	120	115	6	
20	115	115	115	115	110	105	115	115	105	40	300	315	280	280	280	275	255	265	305	150	195	80	10	120	6	
21	100	100	55	100	105	105	105	105	100	325	0	305	285	330	255	270	270	270	230	135	105	110	105	120	6	
22	115	100	90	105	105	100	95	140	120	100	335	295	290	295	275	275	285	260	275	240	145	65	110	70	[VR]	
23	105	115	95	95	170	170	20	40	355	325	290	280	260	295	295	290	5	300	285	20	120	240	130	75	14	
24	315	175	245	255	200	55	10	100	295	355	235	250	260	285	290	285	215	230	270	275	265	260	185	345	13	
25	310	100	100	115	95	120	130	130	110	60	155	290	295	290	300	305	245	180	330	200	320	105	110	110	6	
26	135	135	135	125	125	125	135	120	105	45	290	60	290	285	280	290	190	290	290	145	10	340	80	105	7	
27	105	35	230	275	50	115	85	85	315	115	285	20	265	280	265	275	255	285	175	270	50	55	25	120	13	
28	235	100	340	270	30	205	160	120	225	345	280	290	275	345	280	285	260	265	160	120	125	95	245	125	13	
29	110	250	105	100	105	75	120	120	60	105	305	280	285	280	280	285	290	150	0	50	0	90	110	115	6	
30	105	120	95	70	105	95	85	25	30	85	325	40	10	355	285	285	315	85	5	85	90	95	55	355	5	
31	255	250	115	105	130	105	100	105	100	105	320	290	280	290	285	325	280	260	290	235	90	115	110	120	6	
PV	5	[VR]	[VR]	6	6	6	6	[VR]	[VR]	6	15	14	14	14	14	14	12	12	14	6	6	[VR]	6	[VR]	6	

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4	3	1	1	0	0	-1	1	3	5	8	9	8	11	13	11	9	10	9	6	3	3	4	4	5	13
2	4	0	-2	-1	-1	-1	-2	-1	1	4	6	6	8	11	14	17	15	13	8	6	2	4	5	5	5	17
3	4	3	3	1	1	1	1	0	5	6	7	10	11	12	13	13	13	13	11	7	6	5	3	3	6	13
4	3	3	1	2	1	2	1	1	3	6	7	8	9	14	14	13	12	11	9	7	5	2	2	1	6	14
5	2	1	1	1	-2	-2	-1	-1	2	5	4	8	11	13	15	13	12	10	8	7	6	6	4	3	5	15
6	1	2	0	0	0	1	0	0	2	8	10	11	13	15	16	17	16	15	13	12	9	8	7	6	8	17
7	8	8	7	6	4	4	4	9	12	12	12	14	16	18	18	16	15	14	12	10	9	9	8	7	11	18
8	7	6	5	6	5	5	5	5	6	7	7	8	9	10	9	8	6	6	5	4	2	1	1	0	6	10
9	-1	-1	-1	-2	-2	-2	-2	-2	0	1	3	5	4	6	5	4	3	1	0	0	0	-1	-2	-2	1	6
10	-2	-4	-3	-3	-2	-3	-4	-3	-1	2	2	3	3	5	4	5	6	5	1	-3	-2	-2	-1	0	0	6
11	-1	-2	-2	-2	-3	-3	-3	-2	-2	-1	1	2	2	2	2	3	1	0	-2	-3	-3	-3	-3	-4	-1	3
12	-8	-7	-7	-7	-9	-11	-11	-8	-5	-5	-3	0	3	3	4	4	2	1	0	-2	-4	-5	-5	-3	-3	4
13	-6	-8	-8	-8	-9	-10	-10	-7	-5	-4	-1	1	3	3	5	5	3	2	1	-2	-4	-5	-4	-4	-3	5
14	-5	-8	-8	-9	-9	-9	-9	-7	-3	-3	1	4	6	7	7	5	5	3	1	2	1	0	1	1	-1	7
15	0	-1	-5	-5	-4	-5	-4	-3	0	1	4	5	7	10	11	11	9	6	5	4	3	2	-1	-1	2	11
16	-3	-3	-4	-5	-5	-5	-5	-3	0	3	6	7	8	9	10	11	8	9	7	6	4	5	5	3	3	11
17	0	1	0	0	0	0	-1	-1	1	4	6	6	9	12	12	10	10	8	6	6	6	5	4	5	5	12
18	2	1	-1	-2	-2	-3	-3	-2	-1	2	5	6	7	7	6	7	6	6	6	4	2	2	0	-2	2	8
19	-3	-4	-4	-3	-4	-6	-5	-4	-2	-2	0	2	1	-1	-1	-1	-2	-3	-3	-5	-4	-4	-7	-6	-3	2
20	-7	-8	-11	-11	-10	-10	-10	-11	-8	-3	-4	-1	-2	-1	-1	-1	-2	-2	-3	-5	-3	-4	-6	-5	-5	-1
21	-5	-4	-4	-3	-3	-3	-4	-4	-3	-3	-3	0	2	1	1	1	1	-1	-4	-5	-4	-5	-7	-7	-3	2
22	-9	-9	-9	-11	-10	-9	-9	-9	-6	-3	-1	1	-1	1	5	3	1	-1	-1	-4	-5	-4	-5	-4	-4	5
23	-4	-3	-4	-3	-5	-8	-7	-7	-3	-2	-1	2	4	6	6	4	3	2	0	0	1	-1	-3	-4	-1	6
24	-4	-5	-4	-5	-5	-4	-4	-4	-3	-1	-1	2	2	5	5	4	4	3	2	4	3	3	2	4	0	5
25	5	4	3	-1	-2	-1	-3	-3	-2	-1	-2	-2	-4	-4	-5	-5	-5	-5	-7	-8	-8	-10	-11	-11	-4	5
26	-10	-9	-9	-9	-11	-11	-11	-10	-10	-8	-6	-5	-7	-5	-4	-4	-5	-5	-6	-7	-7	-8	-6	-10	-8	-4
27	-13	-11	-10	-12	-11	-11	-10	-10	-9	-10	-9	-7	-8	-7	-6	-5	-6	-6	-6	-6	-7	-7	-6	-6	-8	-5
28	-8	-9	-9	-9	-8	-7	-9	-7	-6	-5	-4	-1	0	-1	-1	1	0	-1	-2	-2	-2	-3	-2	-3	-4	1
29	-4	-3	-3	-3	-3	-4	-5	-5	-4	-5	-4	-5	-6	-7	-6	-7	-8	-9	-9	-9	-10	-11	-9	-9	-6	-3
30	-11	-10	-9	-10	-10	-10	-10	-9	-8	-4	-2	-1	1	2	2	-1	-2	-3	-3	-3	-3	-3	-2	0	-5	2
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
89	-2	-2	-3	-3	-4	-4	-4	-4	-2	0	2	3	4	5	6	5	4	3	2	1	0	-1	-1	-1	0 [	]
90	5	5	5	5	4	3	4	4	5	5	5	5	6	7	7	7	6	6	6	6	5	5	5	5	5 [	]

TEMPERATURE
(DEGREES C)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 11

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-3	-1	-1	0	-1	-1	0	2	2	6	7	10	9	8	6	4	4	3	3	2	1	2	4	4	3	10
2	1	0	-1	-1	-1	-1	-2	-4	-4	1	3	3	5	6	5	5	3	2	1	-1	-1	-2	-3	-4	0	6
3	-4	-3	-4	-4	-5	-1	-7	-6	-4	-3	-2	0	1	3	3	4	2	0	-1	-1	-2	-3	-4	-3	-2	4
4	-4	-5	-3	-4	-5	-6	-7	-5	-4	-3	-1	2	2	3	4	3	1	-1	-2	-2	-3	-4	-4	-6	-2	4
5	-8	-7	-5	-9	-7	-8	-9	-7	-7	-5	-5	-5	[MT]	-2	2	0	1	-1	-1	0	0	-1	-1	-2	-4	2
6	-3	-4	-3	-2	-3	-3	-6	-5	-5	-3	1	2	5	5	6	6	5	3	1	0	-2	-2	-3	-4	-1	6
7	-3	-4	-4	-5	-6	-5	-5	-7	-5	-3	-3	-3	2	3	3	1	0	-1	-2	-3	-4	-5	-4	-5	-3	3
8	-3	-5	-6	-6	-6	-6	-6	-6	-7	-7	-5	-6	-1	-1	1	2	0	-2	-4	-5	-6	-7	-7	-9	-5	2
9	-7	-7	-8	-8	-8	-9	-10	-10	-9	-9	-9	-8	-6	-7	-6	-5	-5	-6	-6	-7	-7	-6	-6	-7	-7	-5
10	-6	-7	-7	-7	-7	-8	-8	-8	-8	-8	-6	-7	-6	-5	-5	-5	-5	-5	-5	-5	-5	-6	-7	-7	-7	-3
11	-4	-5	-6	-7	-7	-7	-7	-7	-8	-8	-7	-7	-4	-3	-5	-4	-6	-5	-5	-5	-7	-8	-7	-7	-6	-3
12	-4	-5	-6	-6	-6	-7	-7	-7	-7	-6	-0	-4	-7	-6	-4	-4	-3	-3	-3	-3	-2	-2	-1	-1	-1	-7
13	3	2	3	1	0	0	-1	-2	-2	1	3	3	5	4	0	0	-1	-2	-4	-5	-6	-6	-5	-6	-1	5
14	-4	-5	-6	-6	-6	-6	-8	-8	-8	-8	-9	-9	-8	-7	-7	-5	-6	-9	-11	-12	-12	-14	-14	-13	-8	-4
15	-11	-[illegible]	-14	-15	-15	-16	-16	-16	-17	-17	-14	-12	-9	-9	-8	-9	-9	-11	-12	-14	-16	-15	-16	-16	-13	-8
16	-16	-16	-17	-18	-17	-17	-17	-15	-17	-16	-14	-11	-6	-5	-4	-3	-4	-8	-9	-10	-11	-10	-11	-11	-12	-3
17	-15	-11	-17	-12	-12	-13	-13	-13	-13	-10	-6	-9	-7	-7	-6	-6	-7	-9	-9	-10	-11	-11	-12	-13	-10	-6
18	-13	-13	-14	-15	-15	-15	-16	-16	-15	-13	-11	-11	-9	-8	-8	-8	-7	-9	-10	-10	-12	-13	-15	-14	-12	-6
19	-14	-11	-16	-16	-15	-17	-17	-17	-16	-15	-13	-13	-9	-8	-7	-7	-9	-10	-10	-13	-13	-14	-14	-14	-13	-7
20	-14	-14	-13	-16	-16	-17	-17	-15	-18	-13	-15	-13	-10	-9	-8	-9	-10	-12	-13	-14	-15	-16	-16	-16	-14	-8
21	-5	-6	-13	-15	-15	-6	-16	-18	-16	-15	-11	-12	-10	-9	-4	-5	-9	-10	-11	-11	-13	-13	-13	-14	-13	-4
22	-2	-7	-14	-14	-14	-15	-16	-16	-15	-15	-14	-12	-9	-9	-8	-7	-8	-10	-11	-11	-11	-11	-13	-14	-12	-7
23	-3	-4	-13	-14	-13	-14	-14	-13	-11	-11	-10	-8	-5	-5	-6	-4	-7	-9	-9	-10	-11	-12	-12	-13	-10	-4
24	-12	-13	-14	-14	-16	-16	-15	-17	-16	-14	-13	-11	-9	-7	-8	-11	-12	-11	-11	-11	-11	-11	-11	-12	-12	-7
25	-11	-9	-11	-12	-11	-11	-12	-13	-13	-12	-11	-12	-11	-9	-8	-7	-8	-11	-13	-13	-13	-13	-14	-13	-11	-7
26	-11	-10	-12	-11	-11	-11	-11	-12	-11	-12	-12	-10	-8	-7	-7	-9	-10	-10	-10	-10	-10	-6	-9	-11	-10	-6
27	-7	-7	-7	-7	-10	-7	-11	-12	-12	-8	-4	-2	0	0	0	-1	-1	-2	-3	-5	-6	-5	-8	-10	-6	0
28	-5	-1	-12	-14	-15	-15	-16	-16	-14	-11	-11	-11	-8	-6	-4	-4	-6	-9	-10	-12	-11	-12	-14	-15	-11	-4
29	-13	-4	-16	-7	-12	-16	-15	-16	-12	-14	-13	-9	-9	-8	-8	-7	-8	-10	-11	-12	-12	-12	-14	-15	-12	-7
30	-14	-15	-15	-15	-16	-15	-15	-17	-15	-13	-12	-11	-7	-8	-9	-9	-9	-8	-7	-8	-9	-9	-9	-9	-12	-7
31	-7	-8	-9	-10	-9	-10	-11	-12	-11	-11	-11	-11	-6	-9	-9	-9	-9	-9	-11	-11	-11	-11	-12	-14	-10	-8
AVE	3	-3	-3	-10	-10	-10	-11	-11	-10	-9	-7	-6	-4	-4	-3	-3	-4	-6	-7	-7	-8	-9	-9	-9	-8 [illegible]	1
MAX	1	3	5	5	5	5	5	3	5	6	6	6	6	5	5	5	5	5	5	5	5	5	5	3	5 [illegible]	1

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 11

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	17	12	14	15	14	13	16	16	16	13	13	12	-10	-10	10	-10	11	12	14	16	17	18	20	19	12	20
2	18	19	18	19	20	20	22	22	21	21	20	18	17	16	15	16	16	16	16	16	18	17	17	18	18	22
3	12	12	19	20	19	20	21	21	21	19	18	16	13	13	12	12	14	15	16	16	16	16	16	16	17	21
4	13	14	15	16	15	16	17	16	15	15	11	11	11	11	11	-8	-9	12	13	13	14	16	16	15	12	17
5	16	17	17	16	16	15	16	15	14	12	12	-10	10	-5	-7	-9	-6	-9	-9	-6	-9	-7	-8	-7	3	17
6	10	11	-9	-9	-9	10	10	-10	10	-8	-5	-2	-2	-6	-7	-7	-8	-8	-6	-6	-9	-9	-10	-10	-4	11
7	11	13	14	13	13	12	12	14	15	14	11	12	10	-7	-5	-6	-8	11	11	12	14	15	15	14	10	15
8	14	14	14	15	13	13	17	13	12	-8	-8	-7	-6	-5	-3	-5	-7	-7	-8	-9	-10	11	11	11	3	14
9	12	13	14	13	14	14	14	14	12	11	-8	-7	-7	-5	-2	-5	-5	-6	-7	-7	-9	-9	-9	-9	2	14
10	11	-9	10	10	-10	-9	-9	-10	-10	-8	-4	-2	-1	-1	-2	0	-1	-3	-5	-6	-6	-5	-7	-9	-4	11
11	12	11	13	14	15	15	14	15	14	-9	-6	-8	-9	-9	-5	-3	-4	-6	-7	-9	-9	-7	-5	-3	1	15
12	-3	-4	-7	10	-10	-10	11	11	10	-10	-9	-7	-5	-4	-5	-4	-5	-2	0	0	-2	-2	-4	-5	-2	11
13	-4	-6	-7	-8	-7	-8	-10	12	12	-9	-5	-3	-3	-4	-4	-1	-2	-6	-7	-9	-9	-9	-9	-9	-5	12
14	10	11	11	14	15	15	15	14	14	11	10	-8	-7	-6	-7	-5	-6	-7	-8	-8	-9	-9	10	11	3	15
15	12	12	12	12	12	12	11	13	14	12	-6	-7	-6	-6	-4	-4	-4	-4	-5	-7	-7	-8	-9	-7	2	14
16	-7	-9	-9	-9	-8	-8	-9	-9	-8	-5	-4	-3	-4	-2	1	3	1	-2	-4	-5	-8	-5	-5	-6	-5	3
17	-6	-8	-7	-8	-8	-8	-8	-9	-8	-6	-3	-3	-2	-1	-3	0	-1	-2	-3	-3	-4	-5	-7	-8	-5	0
18	-7	-7	-7	-7	-6	-9	-9	-9	-9	-7	-5	-3	-2	1	2	2	-2	-3	-3	-3	-3	-4	-3	-3	-5	2
19	-4	-4	-3	-3	-5	-5	-7	-9	-9	-6	-3	-3	-4	-4	-4	-2	-3	-3	-5	-7	-7	-8	-10	10	-5	10
20	10	10	11	11	11	13	12	13	13	10	-7	-6	-5	-4	-4	-4	-5	-5	-4	-2	-5	-7	-8	-8	2	13
21	10	11	12	13	13	13	13	14	13	10	-6	-9	-7	-5	-3	-3	-4	-4	-6	-7	-8	-9	-10	11	2	14
22	14	14	14	14	14	14	15	13	16	15	-8	-7	-9	-7	-7	-6	-6	-7	-8	-10	11	11	12	12	5	16
23	12	13	13	15	14	14	14	16	15	14	12	10	-8	-7	-6	-6	-8	-9	-10	-9	-8	-9	-9	-8	3	16
24	-3	-8	-8	-9	-10	11	11	10	-9	-8	-8	-5	-3	-3	-2	-2	-3	-3	-3	-3	-4	-3	-6	-7	-3	11
25	-8	-9	-10	11	12	11	-9	-9	-9	-7	-4	-4	-3	-3	-3	-3	-3	-6	-7	-8	-9	10	12	14	-2	14
26	13	13	13	13	15	15	14	13	13	11	-9	-7	-5	-5	-5	-4	-4	-6	-6	-7	-7	-8	-7	-9	2	15
27	-9	-9	-9	-10	11	11	12	13	12	10	-10	-7	-5	-4	-3	-3	-4	-5	-8	-6	-7	-8	-7	-7	-2	13
28	-7	-8	-9	-9	-9	-9	-9	10	-9	-8	-7	-4	-4	-2	0	0	-1	-4	-5	-4	-4	-6	-7	-6	-5	10
29	-7	-8	-8	-9	-10	10	-10	10	-9	-6	-5	-3	-1	0	1	1	0	-1	-3	-3	-3	-4	-6	-6	-3	10
30	-6	-6	-7	-8	-8	-8	-9	-9	-9	-7	-6	0	2	6	2	1	1	2	5	1	0	0	-1	-1	-3	6
31	-5	-5	-5	-6	-7	-7	-8	-8	-7	-4	-2	-1	0	1	1	3	2	1	-1	-2	-2	-4	-6	-6	-3	3
AV	3	4	4	5	5	7	6	7	6	3	-1	-2	-2	-2	-1	-2	-2	-2	-2	-2	-2	-1	-1	1	1	[1
SD	10	12	11	11	11	10	11	11	11	11	9	8	7	6	6	5	6	7	8	8	9	9	10	10	6	[1

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 12

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 14 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.0	4.0	2.5	2.0	2.5	2.0	2.5	3.5	6.0	6.0	3.5	8.0
6	3.5	2.5	2.5	3.5	3.5	3.0	4.5	2.5	2.5	2.0	2.5	6.5	4.5	7.0	7.5	4.5	3.5	2.5	7.0	5.5	3.0	4.5	6.0	8.0	4.5	8.0
7	10.0	8.5	5.5	4.5	4.5	2.5	2.5	6.0	4.5	7.5	7.0	7.0	6.5	9.0	9.5	8.5	8.5	9.0	8.0	5.5	3.5	3.0	4.0	2.5	6.0	10.0
8	3.5	1.5	3.0	3.0	2.5	2.5	3.5	2.0	2.0	2.5	2.5	6.5	6.5	4.5	4.0	4.0	2.5	2.0	3.0	3.5	4.5	4.5	3.5	3.5	3.5	6.5
9	3.0	4.0	4.0	5.5	4.5	3.0	3.0	4.5	3.0	3.5	4.0	4.5	4.5	5.0	4.5	5.0	3.0	1.5	2.5	3.5	6.0	7.5	4.0	2.5	4.0	7.5
10	2.5	5.0	6.0	2.5	2.5	2.5	2.5	2.0	3.0	2.5	10.5	17.5	16.0	7.0	10.5	9.0	5.0	8.0	8.5	9.5	6.0	3.0	3.5	5.0	6.5	17.5
11	3.0	4.5	6.0	6.5	4.0	5.0	6.0	3.5	4.0	3.0	5.5	5.0	6.0	7.0	6.5	5.0	6.5	4.0	4.5	3.5	2.5	3.5	2.0	3.5	4.5	7.0
12	4.0	3.0	4.0	3.5	4.5	4.0	5.0	3.5	4.5	4.0	3.5	3.5	3.0	4.5	7.0	4.0	3.0	2.0	1.5	2.0	2.5	5.5	4.0	4.5	4.0	7.0
13	4.5	2.5	3.0	4.0	2.5	4.5	4.5	2.5	4.5	3.0	4.5	6.0	5.0	6.0	3.0	2.0	2.5	1.5	2.0	2.5	5.5	4.0	4.0	4.5	3.5	6.0
14	4.5	4.5	3.0	3.5	6.0	4.5	5.0	4.0	6.0	4.5	7.0	5.0	5.0	6.0	3.5	4.0	2.5	2.0	2.5	4.0	2.5	3.5	3.5	5.0	4.0	7.0
15	4.0	4.5	4.0	3.5	4.0	4.5	6.0	1.5	5.5	3.0	6.0	5.0	3.0	3.0	3.5	4.0	4.5	2.5	2.0	2.5	3.5	6.0	3.5	3.5	4.0	8.0
16	3.5	5.0	4.5	3.0	4.5	4.5	4.5	2.5	3.5	3.0	3.5	6.0	6.5	6.0	4.0	3.0	2.0	2.5	4.0	3.0	5.0	5.0	4.0	5.5	4.0	6.5
17	2.5	2.0	2.0	1.5	4.0	2.5	2.5	2.0	5.5	4.0	6.5	6.0	5.0	3.0	6.5	2.5	2.5	2.5	1.5	3.0	4.5	2.0	3.5	5.5	3.5	6.5
18	1.5	4.5	5.0	5.0	4.5	4.0	5.5	3.0	5.5	2.5	4.5	4.0	6.0	6.5	4.0	5.0	2.5	2.5	4.0	5.0	8.5	5.5	6.0	5.0	4.5	8.5
19	2.5	2.0	2.0	3.0	5.0	4.0	6.0	7.0	7.5	10.5	9.5	10.0	8.5	8.5	8.0	6.5	6.0	3.0	3.5	5.0	3.5	2.5	3.0	3.5	5.5	10.5
20	5.5	6.5	7.0	8.0	4.5	6.0	6.5	11.5	7.5	6.5	3.5	6.0	3.5	4.5	5.0	5.0	2.0	3.5	4.5	5.0	5.0	2.0	3.0	4.5	5.5	11.5
21	4.5	4.5	3.5	2.5	2.0	2.5	2.0	1.5	2.5	3.0	4.0	3.0	3.0	3.0	3.0	2.5	2.0	2.0	2.5	3.0	4.0	8.0	6.0	6.5	3.5	8.0
22	6.0	7.5	7.0	2.0	4.0	5.5	5.5	3.5	5.5	3.0	3.0	5.5	5.0	4.0	2.5	2.5	2.0	2.5	2.0	2.0	4.0	3.5	2.5	3.0	4.0	7.5
23	4.3	2.0	4.0	4.0	4.0	5.0	6.0	7.0	4.0	3.5	4.5	6.0	7.0	2.5	2.5	4.5	2.5	2.0	2.5	2.0	4.0	3.5	5.0	5.0	4.0	7.0
24	4.0	3.0	3.5	5.5	6.0	5.5	4.5	6.0	3.0	2.5	3.5	6.0	3.0	3.5	2.0	2.5	6.0	2.0	3.5	4.5	5.5	4.5	3.5	2.5	4.5	8.0
25	2.5	2.5	9.0	13.5	8.0	12.0	6.5	5.5	5.0	7.0	10.0	12.0	10.5	10.0	6.0	5.0	2.5	4.5	6.0	6.0	5.0	6.5	6.0	6.5	7.0	13.5
26	8.5	7.0	7.5	6.5	5.0	6.5	8.0	6.5	4.0	3.5	5.5	9.5	8.5	9.5	11.5	7.5	5.0	5.0	4.5	3.0	2.0	1.5	2.0	2.0	6.0	11.5
27	1.0	2.5	4.0	4.0	2.0	2.0	3.0	1.0	1.5	2.0	5.0	6.0	3.0	4.5	2.5	2.5	3.5	2.0	1.5	2.0	3.0	4.5	2.5	2.5	3.0	6.0
28	3.0	2.0	2.5	1.5	3.0	2.5	2.0	1.0	3.0	7.5	6.0	6.0	10.0	16.5	19.0	15.0	15.0	13.0	12.5	11.5	11.5	9.0	7.5	15.0	8.0	19.0
29	13.5	14.0	8.0	11.0	11.5	4.0	3.0	1.5	3.0	7.0	9.0	12.0	14.0	10.5	9.5	12.0	11.0	7.5	8.5	10.0	7.5	6.5	6.0	7.5	8.5	14.0
30	6.0	4.0	7.5	9.0	9.0	7.5	7.5	7.5	5.0	2.0	7.0	9.0	10.0	9.5	9.5	9.0	8.0	6.0	5.5	6.0	4.5	2.0	3.0	2.0	7.0	10.0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	4.5	4.4	4.3	5.0	4.5	4.5	4.5	4.0	4.0	4.3	5.5	7.0	7.0	6.5	6.0	5.5	4.5	4.0	4.5	4.5	4.5	4.5	4.5	5.0	5.0	[ ]
SD	2.7	2.6	2.0	2.3	2.1	2.1	1.8	2.5	1.5	2.2	2.2	3.1	3.2	3.1	3.8	3.1	3.1	2.6	2.7	2.5	2.1	1.9	1.6	2.6	1.5	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 12

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 14 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.5	6.0	4.5	4.5	6.0	6.0	2.0	4.0	5.0	3.0	7.0	10.0	10.0	10.5	9.5	5.5	3.0	2.5	2.5	2.5	4.0	2.5	2.0	1.5	5.0	10.5
2	1.5	3.0	2.0	2.5	6.0	2.5	2.5	2.0	2.0	3.0	2.0	3.5	5.5	5.0	6.0	3.5	2.5	2.5	2.5	2.5	2.5	3.5	2.5	2.0	3.0	6.0
3	3.0	4.5	4.5	2.5	4.5	4.0	4.0	3.0	5.5	3.0	3.0	6.5	3.0	3.5	4.0	3.5	2.5	1.0	1.0	2.0	2.0	2.0	2.5	2.5	3.5	6.5
4	2.5	2.5	3.5	5.5	2.5	2.5	3.5	2.5	2.5	2.5	6.0	5.5	4.0	6.0	5.0	4.0	2.5	1.0	2.0	2.0	1.0	1.5	1.5	2.0	3.0	6.0
5	2.0	3.0	1.5	2.5	2.5	2.0	1.5	2.0	2.5	2.5	5.0	10.0	3.0	[MT]	3.0	5.0	1.5	2.0	2.0	3.0	3.5	4.0	1.5	2.0	3.0	10.0
6	5.0	4.5	5.5	2.5	2.0	1.5	2.5	2.5	2.5	2.5	2.5	4.5	6.5	5.5	5.5	3.5	2.0	2.0	1.5	2.0	2.0	3.5	2.5	2.5	3.5	6.5
7	2.5	4.5	4.5	2.0	2.5	2.0	2.0	5.5	2.5	2.5	7.0	5.5	4.0	2.5	5.0	3.5	2.0	1.0	2.5	2.5	2.0	3.0	3.0	2.5	3.0	7.0
8	4.5	4.5	3.5	2.5	2.5	2.5	3.5	2.0	1.5	4.0	3.5	6.0	4.0	6.0	4.5	2.5	3.0	2.0	1.5	2.0	4.0	2.5	2.5	3.0	3.5	6.0
9	3.0	1.5	1.5	1.0	2.5	1.5	1.0	1.5	2.5	3.0	4.0	4.0	3.0	4.5	6.0	4.0	1.5	2.5	1.0	2.5	2.5	2.0	2.5	2.5	2.5	6.0
10	2.0	.5	1.0	1.0	1.0	1.0	2.5	3.0	2.5	2.0	2.0	2.0	2.5	2.0	2.5	2.5	2.0	2.0	1.5	2.5	2.0	2.5	2.0	2.5	2.0	3.0
11	2.5	2.5	1.5	2.0	2.5	1.0	1.5	2.0	1.5	2.5	3.0	6.0	2.5	5.0	6.5	2.5	4.5	3.5	3.5	1.0	2.5	2.5	4.0	2.5	3.0	6.5
12	3.5	2.5	2.0	3.0	3.0	3.5	2.5	2.5	2.5	2.0	7.5	10.5	9.0	9.5	10.5	10.0	9.0	11.0	9.0	6.5	5.0	4.5	5.5	2.5	5.5	11.0
13	3.0	5.0	7.0	8.0	8.0	6.5	6.0	4.0	2.5	9.5	13.0	15.0	12.5	9.0	10.0	9.5	5.5	2.0	7.5	2.5	6.0	4.0	3.5	4.5	7.0	15.0
14	5.0	6.5	4.5	5.0	5.0	4.5	3.5	4.0	5.0	5.5	7.5	4.5	3.0	2.5	2.5	2.0	2.5	4.5	4.5	4.5	4.5	5.0	7.0	5.0	4.5	7.5
15	5.0	4.0	2.5	3.5	6.0	6.0	3.0	2.5	4.0	3.5	2.5	3.5	3.5	3.0	4.5	3.5	2.5	1.5	2.0	2.0	2.0	3.5	2.5	2.0	3.5	6.0
16	3.5	3.5	3.0	2.5	2.5	2.5	2.0	1.5	2.0	1.0	2.5	3.0	1.5	1.0	2.0	2.5	2.0	1.5	3.0	2.0	1.5	3.0	2.5	2.5	2.5	5.5
17	2.0	2.5	3.0	2.5	7.0	2.5	2.0	2.5	2.5	2.0	2.0	5.0	5.0	5.0	6.0	3.0	2.5	2.5	1.5	2.0	2.5	1.5	3.0	5.0	3.0	6.0
18	4.0	1.5	2.5	2.0	2.0	2.5	6.0	5.5	5.5	4.0	4.5	5.0	3.5	3.5	4.0	2.0	1.5	2.5	3.5	2.5	1.5	1.0	1.0	1.5	3.0	6.0
19	2.0	2.5	2.5	2.5	3.0	2.0	1.5	3.0	3.5	4.0	3.0	5.0	5.0	3.0	3.5	4.0	4.0	2.0	2.0	1.5	1.5	2.0	2.0	3.0	3.0	5.0
20	2.0	2.5	1.0	2.0	3.5	2.5	2.0	2.5	1.0	2.0	3.0	3.5	5.5	5.0	3.5	4.5	4.0	1.5	1.0	1.5	1.0	2.0	1.5	2.0	2.5	5.5
21	4.0	3.0	2.0	2.5	3.0	1.5	2.5	6.5	2.5	3.5	2.0	5.5	6.0	3.0	2.0	3.0	4.5	2.5	2.0	2.5	2.5	2.0	3.0	2.0	3.0	6.0
22	2.5	3.0	2.0	2.0	2.5	2.0	2.0	3.0	2.0	2.5	3.0	4.5	4.0	4.0	3.5	4.5	2.5	1.5	1.0	1.5	1.0	1.5	1.5	2.5	2.5	4.5
23	2.0	2.5	1.5	2.0	2.5	2.0	2.5	1.0	1.5	3.0	4.5	2.5	2.0	5.0	3.0	2.0	1.5	2.5	2.0	2.5	4.0	2.5	1.0	2.0	2.5	5.0
24	1.0	3.5	2.5	2.0	2.5	2.5	2.5	1.5	1.0	1.0	.5	2.0	7.5	4.5	5.0	6.5	3.5	2.5	4.5	3.5	3.0	2.5	2.5	2.5	3.0	7.5
25	4.0	1.5	2.0	5.5	5.0	3.5	3.5	2.5	3.0	5.0	5.5	6.0	5.0	2.5	3.5	3.5	5.0	3.5	2.5	2.0	1.5	2.0	4.5	7.0	3.5	8.0
26	3.0	2.5	2.0	2.5	2.5	3.0	3.0	2.5	2.0	2.5	4.5	3.5	3.5	4.5	4.5	4.5	2.5	3.0	2.5	2.0	3.5	7.5	7.5	4.0	3.5	7.5
27	3.5	2.5	2.5	2.0	2.5	2.5	2.0	3.0	7.0	9.0	3.0	4.0	8.5	4.5	3.0	4.0	4.0	3.0	4.0	6.5	5.5	5.5	6.5	6.0	4.5	9.0
28	6.0	6.0	6.0	7.0	7.0	6.5	5.5	5.0	6.5	4.5	4.0	5.0	6.5	3.5	2.5	3.5	2.5	2.0	3.0	5.0	4.5	2.5	3.0	3.5	4.5	7.0
29	5.0	4.0	2.0	2.5	2.0	2.0	2.5	1.5	2.5	2.5	3.5	5.0	5.5	3.5	4.5	3.5	2.5	2.0	1.5	1.5	1.5	2.0	2.5	1.5	3.0	5.5
30	2.5	3.5	4.0	2.5	2.5	2.5	3.5	4.5	3.0	2.5	4.0	3.0	6.0	6.0	7.0	3.0	4.5	5.5	7.0	2.5	2.0	2.5	4.0	4.0	4.0	7.0
31	5.0	6.0	4.0	3.0	3.0	4.0	4.5	4.5	3.0	2.5	4.0	6.0	7.0	7.5	8.5	7.5	5.0	5.5	7.5	5.5	4.0	5.5	3.0	2.5	5.0	8.5
AV	3.5	3.5	3.0	3.0	3.5	3.0	3.0	3.0	3.0	3.5	4.0	5.5	5.0	5.0	5.0	4.0	3.0	2.5	3.0	2.5	3.0	3.0	3.0	3.0	3.5	[ ]
SD	1.3	1.5	1.5	1.6	1.6	1.5	1.3	1.2	1.5	1.9	2.4	2.7	2.4	2.2	2.3	1.9	1.5	1.9	2.1	1.4	1.4	1.4	1.6	1.3	1.0	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 12

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 14 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	4.0	4.0	2.5	2.0	2.5	2.0	2.5	3.5	6.0	6.0	3.5	8.0
6	3.5	2.5	2.5	3.5	3.5	3.0	4.5	2.5	2.5	2.0	2.5	6.5	4.5	7.0	7.5	4.5	3.5	2.5	7.0	5.5	3.0	4.5	6.0	8.0	4.5	8.0
7	10.0	8.5	5.5	4.5	4.5	2.5	2.5	6.0	4.5	7.5	7.0	7.0	6.5	9.0	9.5	8.5	8.5	9.0	8.0	5.5	3.5	3.0	4.0	2.5	6.0	10.0
8	3.5	1.5	3.0	3.0	2.5	2.5	3.5	2.0	2.0	2.5	2.5	6.5	6.5	4.5	4.0	4.0	2.5	2.0	3.0	3.5	4.5	4.5	3.5	3.5	3.5	6.5
9	3.0	4.0	4.0	5.5	4.5	3.0	3.0	4.5	3.0	3.5	4.0	4.5	4.5	5.0	4.5	5.0	3.0	1.5	2.5	3.5	6.0	7.5	4.0	2.5	4.0	7.5
10	2.5	5.0	6.0	2.5	2.5	2.5	2.5	2.0	3.0	2.5	10.5	17.5	16.0	7.0	10.5	9.0	5.0	8.0	8.5	9.5	6.0	3.0	3.5	5.0	6.5	17.5
11	3.0	4.5	6.0	6.5	4.0	5.0	6.0	3.5	4.0	3.0	5.5	5.0	6.0	7.0	6.5	5.0	6.5	4.0	4.5	3.5	2.5	3.5	2.0	3.5	4.5	7.0
12	4.0	3.0	4.0	3.5	4.5	4.0	5.0	3.5	4.5	4.0	3.5	3.5	3.0	4.5	7.0	4.0	3.0	2.0	1.5	2.0	2.5	5.5	4.0	4.5	4.0	7.0
13	4.5	2.5	3.0	4.0	2.5	4.5	4.5	2.5	4.5	3.0	4.5	6.0	5.0	6.0	3.0	2.0	2.5	1.5	2.0	2.5	5.5	4.0	4.0	4.5	3.5	6.0
14	4.5	4.5	3.0	3.5	6.0	4.5	5.0	4.0	6.0	4.5	7.0	5.0	5.0	6.0	3.5	4.0	2.5	2.0	2.5	4.0	2.5	3.5	3.5	5.0	4.0	7.0
15	4.0	4.5	4.0	3.5	4.0	4.5	6.0	1.5	5.5	3.0	6.0	3.0	3.0	3.0	3.5	4.0	4.5	2.5	2.0	2.5	3.5	6.0	3.5	3.5	4.0	8.0
16	3.5	5.0	4.5	3.0	4.5	4.5	4.5	2.5	3.5	3.0	3.5	6.0	6.5	6.0	4.0	3.0	2.0	2.5	4.0	3.0	5.0	5.0	4.0	5.5	4.0	6.5
17	2.5	2.0	2.0	1.5	4.0	2.5	2.5	2.0	5.5	4.0	6.5	6.0	5.0	3.0	6.5	2.5	2.5	2.5	1.5	3.0	4.5	2.0	3.5	5.5	3.5	6.5
18	[IM]	4.0	5.0	5.0	4.5	4.0	5.5	5.0	5.5	2.5	4.5	4.0	6.0	6.5	4.0	3.0	2.5	2.5	4.0	5.0	8.5	5.5	6.0	5.0	4.5	8.5
19	2.5	2.0	2.0	3.0	5.0	4.0	6.0	7.0	7.5	10.5	9.5	10.0	8.5	8.5	8.0	6.5	6.0	3.0	3.5	5.0	3.5	2.5	3.0	3.5	5.5	10.5
20	5.5	6.5	7.0	8.0	4.5	6.0	6.5	11.5	7.5	6.5	3.5	6.0	3.5	4.5	5.0	5.0	2.0	3.5	4.5	5.0	5.0	2.0	3.0	4.5	5.5	11.5
21	4.5	4.5	3.5	2.5	2.0	2.5	2.0	1.5	2.5	3.0	4.0	3.0	3.0	3.0	3.0	2.5	2.0	2.0	2.5	5.0	4.0	8.0	6.0	6.5	3.5	8.0
22	6.0	7.5	7.0	2.0	4.0	5.5	5.5	3.5	5.5	3.0	3.0	5.5	5.0	4.0	2.5	2.5	2.0	2.5	2.0	2.0	4.0	3.5	2.5	3.0	4.0	7.5
23	4.5	2.0	4.0	4.0	4.0	5.0	6.0	7.0	4.0	3.5	4.5	6.0	7.0	2.5	2.5	4.5	2.5	2.0	2.5	2.0	4.0	3.5	5.0	5.0	4.0	7.0
24	4.0	3.0	3.5	5.5	6.0	5.5	4.5	6.0	3.0	2.5	3.5	6.0	5.0	3.5	2.0	2.5	6.0	2.0	3.5	4.5	5.5	4.5	3.5	2.5	4.5	8.0
25	2.5	2.5	9.0	13.5	8.0	12.0	6.5	5.5	5.0	7.0	10.0	12.0	10.5	10.0	6.0	5.0	2.5	4.5	6.0	6.0	5.0	6.5	6.0	6.5	7.0	13.5
26	8.5	7.0	7.5	8.5	5.0	6.5	8.0	6.5	4.0	3.5	5.5	9.5	8.5	9.5	11.5	7.5	5.0	5.0	4.5	3.0	2.0	1.5	2.0	2.0	6.0	11.5
27	1.0	2.5	4.0	4.0	2.0	2.0	3.0	1.0	1.5	2.0	5.0	6.0	5.0	4.5	2.5	2.5	3.5	2.0	1.5	2.0	3.0	4.5	2.5	2.5	3.0	6.0
28	3.0	2.0	2.5	1.5	3.0	2.5	2.0	1.0	3.0	7.5	6.0	6.0	10.0	16.5	19.0	15.0	15.0	13.0	12.5	11.5	11.5	9.0	7.5	15.0	8.0	19.0
29	13.5	14.0	8.0	11.0	11.5	4.0	3.0	1.5	3.0	7.0	9.0	12.0	14.0	10.5	9.5	12.0	11.0	7.5	8.5	10.0	7.5	6.5	6.0	7.5	8.5	14.0
30	6.0	9.0	7.5	9.0	9.0	7.5	7.5	7.5	6.0	2.0	7.0	9.0	10.0	9.5	9.5	9.0	6.0	6.0	5.5	6.0	4.5	2.0	3.0	2.0	7.0	10.0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	4.5	4.4	4.3	5.0	4.5	4.5	4.5	4.0	4.0	4.5	5.5	7.0	7.0	6.5	6.0	5.5	4.5	4.0	4.5	4.5	4.5	4.5	4.5	5.0	5.0	[ ]
SD	2.7	2.6	2.0	2.3	2.1	2.1	1.8	2.5	1.5	2.2	2.2	3.1	3.2	3.1	3.8	3.1	3.1	2.6	2.7	2.5	2.1	1.9	1.6	2.6	1.5	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 12

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 14 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3.5	6.0	4.5	4.5	6.0	6.0	2.0	4.0	5.0	3.0	7.0	10.0	10.0	10.5	9.5	5.5	3.0	2.5	2.5	2.5	4.0	2.5	2.0	1.5	5.0	10.5
2	1.5	3.0	2.0	2.5	6.0	2.5	2.5	2.0	2.0	3.0	2.0	3.5	5.5	5.0	6.0	3.5	2.5	2.5	2.5	2.5	2.5	3.5	2.5	2.0	3.0	6.0
3	3.0	4.5	4.5	2.5	4.5	4.0	4.0	3.0	5.5	3.0	5.0	6.5	3.0	3.5	4.0	3.5	2.5	1.0	1.0	2.0	2.0	2.0	2.5	2.5	3.5	6.5
4	2.5	2.5	3.5	5.3	2.5	2.5	3.5	2.5	2.5	2.5	6.0	5.5	4.0	6.0	5.0	4.0	2.5	1.0	2.0	2.0	1.0	1.5	1.5	2.0	3.0	6.0
5	2.0	3.0	2.5	2.5	2.5	2.0	1.5	2.0	2.5	2.5	5.0	10.0	3.0	[MT]	3.0	5.0	1.5	2.0	2.0	3.0	3.5	4.0	1.5	2.0	3.0	10.0
6	5.0	4.5	5.5	2.5	2.0	1.5	2.5	2.5	2.5	2.5	2.5	4.5	6.5	5.5	3.5	3.5	2.5	2.0	1.5	2.5	2.0	3.5	2.5	2.5	3.5	6.5
7	2.5	4.5	4.5	2.0	2.5	2.0	2.0	5.5	2.5	2.5	7.0	5.5	4.0	2.5	5.0	3.5	2.0	1.0	2.5	2.5	2.0	3.0	3.0	2.5	3.0	7.0
8	4.5	4.5	3.5	2.5	2.5	2.5	3.5	2.0	1.5	4.0	3.5	6.0	4.0	6.0	4.5	2.5	3.0	2.0	1.5	2.0	4.0	2.5	2.5	3.0	3.5	6.0
9	3.0	1.5	1.5	1.0	2.5	1.5	1.0	1.5	2.5	3.0	4.0	4.0	3.0	4.5	6.0	4.0	1.5	2.5	1.0	2.5	2.5	2.0	2.5	2.5	2.5	6.0
10	2.0	.5	1.0	1.0	1.0	1.0	2.5	3.0	2.5	2.0	2.0	2.0	2.5	2.0	2.5	2.5	2.0	2.0	1.5	2.5	2.0	2.5	2.0	2.5	2.0	3.0
11	2.5	2.5	1.5	2.0	2.5	1.0	1.5	2.0	1.5	2.5	3.0	6.0	2.5	5.0	6.5	2.5	4.5	3.5	3.5	1.0	2.5	2.5	4.0	2.5	3.0	6.5
12	2.5	2.5	2.0	3.0	3.0	3.5	2.5	2.5	2.5	2.0	7.5	10.5	9.0	9.5	10.5	10.0	9.0	11.0	9.0	6.5	5.0	4.5	5.5	2.5	5.5	11.0
13	3.0	5.0	7.0	8.0	8.0	6.5	6.0	4.0	2.5	9.5	13.0	15.0	12.5	9.0	10.0	9.5	5.5	2.0	7.5	2.5	6.0	4.0	3.5	4.5	7.0	15.0
14	5.0	6.5	4.5	5.0	5.0	4.5	3.5	4.0	5.0	5.5	7.5	4.5	3.0	2.5	2.5	2.0	2.5	4.5	4.5	4.5	4.5	5.0	7.0	5.0	4.5	7.5
15	5.0	4.0	2.5	3.5	6.0	6.0	3.0	2.5	4.0	3.5	2.5	3.5	3.5	3.0	4.5	3.5	2.5	1.5	2.0	2.0	2.0	3.5	2.5	2.0	3.5	6.0
16	1.5	3.5	3.0	2.5	2.5	2.5	2.0	1.5	2.0	1.0	2.5	3.0	1.5	1.0	2.0	2.5	2.0	1.5	3.0	2.0	1.5	3.0	2.5	2.5	2.5	5.5
17	2.0	2.5	3.0	2.5	7.0	2.5	2.0	2.5	2.5	2.0	2.0	5.0	5.0	5.0	6.0	3.0	2.5	2.5	1.5	2.0	2.5	1.5	3.0	5.0	3.0	6.0
18	4.0	1.5	2.5	2.0	2.0	2.5	6.0	5.5	5.5	4.0	4.5	5.0	3.5	3.5	4.0	2.0	1.5	2.5	3.5	2.5	1.5	1.0	1.0	1.5	3.0	6.0
19	2.0	2.5	2.5	2.5	3.0	2.0	1.5	3.0	3.5	4.0	3.0	5.0	5.0	3.0	3.5	4.0	4.0	2.0	2.0	1.5	1.5	2.0	2.0	3.0	3.0	5.0
20	2.0	2.5	1.0	2.0	3.5	2.5	2.0	2.5	1.0	2.0	3.0	3.5	5.5	5.0	3.5	4.5	4.0	1.5	1.0	1.5	1.0	2.0	1.5	2.0	2.5	5.5
21	4.0	3.0	2.0	2.5	3.0	1.5	2.5	2.5	2.5	3.5	2.0	5.5	6.0	3.0	2.0	3.0	4.5	2.5	2.0	2.5	2.5	2.0	3.0	2.0	3.0	6.0
22	2.5	3.0	2.0	2.0	2.5	2.0	2.0	3.0	2.0	2.5	3.0	4.5	4.0	4.0	3.5	4.5	2.5	1.5	1.0	1.5	1.0	1.5	1.5	2.5	2.5	4.5
23	2.0	2.5	1.5	2.0	2.5	2.0	2.5	1.0	1.5	3.0	4.5	2.5	2.0	5.0	3.0	2.0	1.5	2.5	2.0	2.5	4.0	2.5	1.0	2.0	2.5	5.0
24	1.0	3.5	2.0	2.0	2.5	2.5	2.5	1.5	1.0	1.0	.5	2.0	7.5	4.5	5.0	6.5	3.5	2.5	4.5	3.5	3.0	2.5	2.5	2.5	3.0	7.5
25	4.0	1.5	2.0	5.5	3.0	3.5	3.5	2.5	3.0	5.0	5.5	8.0	5.0	2.5	3.5	3.5	5.0	3.5	2.5	2.0	1.5	2.0	4.5	7.0	3.5	8.0
26	3.0	2.5	2.0	2.5	2.5	3.0	3.0	2.5	2.0	2.5	4.5	3.5	3.5	4.5	4.5	4.5	2.5	3.0	2.5	2.0	3.5	7.5	7.5	4.0	3.5	7.5
27	3.5	2.5	2.5	2.0	2.5	2.5	2.0	3.0	7.0	9.0	3.0	4.0	8.5	4.5	3.0	4.0	4.0	3.0	4.0	6.5	5.5	5.5	6.5	6.0	4.5	9.0
28	6.0	6.0	6.0	7.0	7.0	6.5	5.5	5.0	6.5	4.5	4.0	5.0	6.5	3.5	2.5	3.5	2.5	2.0	3.0	5.0	4.5	2.5	3.0	3.5	4.5	7.0
29	5.0	4.0	2.0	2.5	2.0	2.0	2.5	1.5	2.5	2.5	3.5	5.0	5.5	3.5	4.5	3.5	2.5	2.0	1.5	1.5	1.5	2.0	2.5	1.5	3.0	5.5
30	2.5	3.5	4.0	2.5	2.5	2.5	3.5	4.5	3.0	2.5	4.0	5.0	6.0	6.0	7.0	3.0	4.5	5.5	7.0	2.5	2.0	2.5	4.0	4.0	4.0	7.0
31	5.0	6.0	4.0	3.0	3.0	4.0	4.5	4.5	3.0	2.5	4.0	6.0	7.0	7.5	8.5	7.5	5.0	5.5	7.5	5.5	4.0	5.5	3.0	2.5	5.0	8.5
AV	3.5	3.5	3.0	3.0	3.5	3.0	3.0	3.0	3.0	3.5	4.0	5.5	5.0	5.0	5.0	4.0	3.0	2.5	3.0	2.5	3.0	3.0	3.0	3.0	3.5	[ ]
SD	1.3	1.5	1.5	1.6	1.6	1.5	1.3	1.2	1.5	1.9	2.4	2.7	2.4	2.2	2.3	1.9	1.5	1.9	2.1	1.4	1.4	1.4	1.6	1.3	1.0	[ ]

WIND SPEED @ 10M
(MILES/HOUR)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 12

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1.0	1.0	2.5	2.0	2.5	3.5	2.5	6.0	5.0	4.0	2.5	4.5	4.0	3.5	2.5	2.0	1.5	2.5	1.0	2.5	4.0	5.5	7.0	7.0	3.5	7.0
2	7.5	7.0	7.5	5.0	7.0	5.5	2.5	5.0	4.0	5.0	6.0	3.0	5.5	5.5	4.5	3.5	2.0	1.5	2.5	6.5	4.5	5.0	3.0	2.0	4.5	7.5
3	2.0	1.5	3.0	5.0	5.5	4.0	5.5	5.0	3.0	6.0	4.0	5.5	4.5	4.5	3.5	2.0	3.0	2.0	1.5	1.0	1.5	3.0	2.0	2.0	3.5	6.0
4	1.5	2.0	2.0	2.0	2.0	2.0	2.0	1.5	2.0	4.5	3.5	[MT]	5.5	5.0	2.5	2.0	2.0	1.5	1.5	1.5	2.5	2.5	2.5	4.0	2.5	5.5
5	3.0	2.5	5.5	4.5	2.5	3.0	4.0	6.0	2.0	4.5	3.5	2.5	4.0	2.0	3.0	3.5	2.0	2.5	2.5	2.5	4.0	4.0	2.5	6.0	3.5	6.0
6	3.0	4.0	2.0	2.5	3.0	3.0	4.5	3.5	4.0	6.0	6.5	4.5	5.5	6.5	6.0	4.5	3.0	3.0	3.5	3.5	2.0	1.5	2.5	6.0	4.0	6.5
7	6.5	4.5	4.5	6.0	8.5	12.0	7.0	4.5	4.5	4.5	3.0	11.5	3.0	1.5	2.0	2.5	2.5	2.0	2.0	1.0	1.0	1.5	1.0	1.5	4.0	12.0
8	2.0	2.0	1.5	1.0	2.5	3.0	3.5	4.0	2.5	1.0	3.5	4.0	3.0	3.0	2.5	4.5	3.0	1.5	2.5	1.5	1.5	1.5	2.0	2.0	2.5	4.5
9	2.5	2.0	2.5	2.5	2.0	1.0	2.0	3.0	2.5	2.0	2.5	4.0	3.5	4.0	2.5	4.5	2.5	2.0	2.0	2.0	2.5	1.5	1.5	2.5	2.5	4.5
10	2.5	2.5	2.0	2.5	2.5	4.0	6.5	3.5	3.0	3.5	2.5	1.0	3.0	7.0	6.5	3.5	6.0	7.0	6.0	2.5	2.5	6.5	5.5	6.0	4.0	7.0
11	4.5	6.0	7.5	3.0	5.0	8.0	7.0	2.5	3.0	5.5	4.5	5.0	5.5	5.0	2.5	2.0	3.0	3.5	2.5	2.0	1.5	2.0	2.5	2.5	4.0	8.0
12	2.5	3.5	2.5	2.5	3.5	2.5	2.5	1.0	1.5	1.0	2.5	2.0	3.0	4.5	6.0	2.5	6.5	5.5	5.5	6.0	4.5	2.0	3.5	4.0	3.5	6.5
13	9.5	9.5	10.0	4.5	7.5	6.5	7.0	7.0	6.0	7.0	7.0	5.0	5.0	6.0	6.5	2.0	2.5	2.0	3.5	5.0	4.0	5.0	6.0	5.5	6.0	10.0
14	6.5	3.5	3.0	1.0	2.5	7.0	8.0	6.0	5.0	3.0	3.5	2.0	2.5	4.5	4.5	3.0	2.5	2.5	2.5	1.5	2.5	2.0	2.5	5.5	3.5	8.0
15	2.5	2.0	2.5	2.0	3.5	2.5	2.0	2.5	4.5	3.5	2.5	4.5	5.0	3.3	4.0	2.5	2.0	3.0	2.5	2.5	2.5	2.5	3.5	3.0	3.0	5.0
16	2.5	2.5	2.5	2.0	1.5	2.5	3.0	2.5	1.5	2.0	3.0	6.0	5.5	5.0	3.5	2.5	2.5	2.5	1.5	2.0	2.0	2.0	2.0	2.5	2.5	6.0
17	1.0	1.0	2.0	3.5	3.0	2.5	2.5	2.5	2.0	3.0	3.0	6.0	5.5	4.0	4.5	4.0	2.5	2.0	1.0	2.0	1.5	1.0	1.5	3.0	2.5	6.0
18	3.0	6.0	3.5	2.5	1.5	2.0	1.5	4.0	2.5	2.0	2.0	4.0	6.0	4.0	2.0	2.5	8.0	5.0	5.5	3.0	2.0	2.5	4.5	3.0	3.5	8.0
19	3.0	3.0	3.5	2.5	1.0	2.0	2.0	2.5	1.5	5.0	2.5	5.0	5.0	6.5	6.0	6.5	4.0	2.5	2.0	5.0	5.5	4.5	2.5	3.0	3.5	6.5
20	5.0	5.0	5.0	5.5	6.5	3.5	3.0	3.5	4.5	5.5	4.0	5.0	5.0	5.0	4.5	4.5	3.0	2.0	1.5	1.5	3.0	3.0	1.5	5.5	4.0	6.5
21	5.5	6.5	8.0	7.0	4.5	2.5	2.0	2.5	4.5	3.5	3.5	5.5	5.0	5.0	5.0	5.0	2.0	1.5	1.0	1.0	2.5	3.0	3.5	2.5	4.0	8.0
22	2.0	2.5	4.5	5.5	3.5	2.0	3.0	3.5	1.5	2.5	4.0	5.0	5.0	6.5	7.0	4.0	2.0	1.5	1.5	2.0	1.5	1.5	3.0	7.0	3.5	7.0
23	5.0	4.0	1.5	2.5	3.0	3.0	4.0	1.5	2.0	4.5	7.5	5.0	4.5	3.5	4.5	3.5	3.5	3.5	4.5	2.5	2.0	2.0	3.0	6.5	3.5	7.5
24	2.5	2.5	2.0	2.0	1.0	2.0	2.5	3.0	3.0	4.0	4.0	5.0	5.0	5.5	4.0	5.5	3.5	2.5	2.5	2.0	4.5	4.5	2.5	3.5	3.5	5.5
25	4.0	5.5	6.5	8.5	5.5	6.0	7.0	7.0	6.0	4.5	3.0	4.5	5.5	5.0	5.0	10.0	5.5	2.0	2.0	5.0	3.0	4.0	5.0	6.5	5.5	10.0
26	4.5	5.0	6.0	5.5	5.0	5.5	8.0	8.0	4.5	3.0	7.0	2.5	7.0	5.0	3.5	3.0	2.5	6.0	2.5	2.5	2.0	2.5	5.0	4.5	4.5	8.0
27	5.0	3.5	3.0	3.5	2.0	2.5	3.0	2.5	3.0	2.5	5.0	3.0	6.5	6.5	4.0	5.0	3.0	2.5	2.0	2.0	2.5	2.0	2.5	4.0	3.5	6.5
28	3.0	2.5	4.0	2.5	2.5	4.5	3.0	2.0	2.0	3.5	5.0	5.0	5.5	4.0	2.5	5.0	5.0	2.5	3.0	5.5	5.5	4.0	2.5	3.0	3.5	5.5
29	5.5	6.5	2.5	5.0	3.5	4.5	2.5	2.0	2.5	3.0	4.5	7.0	3.0	6.0	5.0	5.0	4.5	2.5	2.0	1.5	1.5	2.5	5.5	5.0	4.0	7.0
30	3.0	2.0	4.5	5.0	3.0	5.5	5.0	2.5	2.0	3.5	4.5	5.0	3.5	2.0	8.5	6.5	2.5	4.0	7.0	9.0	9.0	5.5	3.5	3.0	4.5	9.0
31	2.0	2.5	3.0	3.0	6.5	7.0	6.0	6.0	5.5	3.5	3.0	4.5	5.5	5.0	4.0	4.0	4.0	3.5	2.0	2.5	2.0	3.5	3.5	5.0	4.0	7.0
AV	3.5	3.5	4.0	3.5	3.5	4.0	4.0	4.0	3.5	4.0	4.0	4.5	4.5	4.5	4.5	4.0	3.5	3.0	2.5	3.0	3.0	3.0	3.0	4.0	3.5	[ ]
SD	2.0	1.9	2.1	1.8	2.0	2.3	1.9	1.8	1.4	1.4	1.5	1.8	1.1	1.4	1.6	1.7	1.5	1.4	1.5	1.9	1.6	1.4	1.4	1.7	.8	[ ]

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 12

NOVEMBER,1975

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 14 APR 76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	305	310	240	120	140	120	105	150	150	150	[VA]	
6	145	75	105	100	40	95	140	110	40	290	320	315	315	305	295	290	20	110	150	140	135	140	135	150	7	
7	150	150	150	125	75	55	90	115	75	305	325	320	305	245	205	210	315	300	320	310	295	290	270	160	15	
8	110	80	40	140	95	5	355	220	230	10	350	320	310	310	310	40	65	90	160	85	340	0	110	115	1	
9	130	120	110	120	130	145	140	145	140	265	330	305	285	265	290	320	5	135	135	150	135	145	135	65	7	
10	140	135	130	10	145	125	70	110	335	315	230	190	195	310	320	320	115	275	290	310	110	95	60	55	7	
11	75	345	270	285	210	235	275	290	335	355	325	25	250	235	270	310	265	235	175	95	60	105	115	140	[VA]	
12	145	150	155	160	160	120	165	105	155	20	15	305	310	250	320	320	325	110	90	90	140	155	160	170	8	
13	150	145	145	150	130	100	165	120	160	220	335	345	315	315	300	315	95	100	95	120	150	160	160	170	8	
14	150	150	100	150	160	160	165	170	160	95	345	345	320	310	320	320	55	75	175	150	135	150	155	170	8	
15	140	165	145	105	155	135	135	55	150	55	355	320	320	315	305	315	325	115	100	125	155	160	145	160	8	
16	80	145	125	105	145	145	145	65	130	335	340	355	325	325	315	300	250	105	145	150	165	160	160	165	7	
17	95	125	125	125	140	140	100	125	150	25	340	345	335	300	320	325	110	135	105	160	165	115	145	160	7	
18	80	135	145	140	150	150	155	155	150	80	345	25	320	330	305	305	40	80	140	100	70	55	45	110	7	
19	330	310	310	300	320	315	350	345	335	340	45	0	35	55	30	25	35	20	45	55	335	355	150	170	16	
20	135	150	145	155	150	170	185	185	175	175	40	345	10	305	315	310	210	165	160	150	155	145	125	160	8	
21	145	155	160	170	120	150	135	55	340	250	255	340	40	40	330	260	175	145	145	150	165	175	175	185	7	
22	160	165	145	50	140	170	160	155	150	90	295	345	315	310	315	255	315	105	105	140	155	165	145	165	8	
23	150	140	110	140	150	160	160	165	165	95	335	350	320	225	300	325	200	110	125	135	155	160	160	165	7	
24	140	140	145	155	175	165	165	150	155	200	75	245	315	350	260	180	190	325	150	150	155	150	95	60	8	
25	25	55	270	320	310	315	40	345	355	330	340	345	325	340	70	100	130	155	150	145	150	165	150	170	16	
26	135	150	155	150	145	130	160	155	90	305	255	195	155	140	155	145	155	270	320	0	65	105	105	90	7	
27	120	145	145	125	150	85	335	120	145	0	330	335	320	330	255	35	320	340	315	160	30	335	25	45	16	
28	325	75	60	320	5	355	320	245	160	330	65	190	195	180	125	195	185	185	150	195	195	185	185	205	9	
29	175	180	185	180	180	60	50	45	335	310	310	315	295	305	290	285	285	280	285	280	220	165	165	190	15	
30	175	170	165	175	185	125	185	185	215	295	210	210	185	155	200	190	185	180	170	170	175	135	250	15	[VA]	
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	
32	[VA]	8	7	7	8	8	8	8	8	16	16	16	[VA]	15	14	[VA]	[VA]	6	8	7	7	7	7	[VA]	8	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 12

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	140	140	95	155	160	135	0	155	170	320	175	195	175	175	175	10	20	25	45	65	5	115	100	50	8	
2	25	125	105	130	155	55	30	80	290	315	290	230	315	320	320	315	65	125	100	145	150	160	135	125	7	
3	80	145	135	135	150	160	150	145	150	90	330	335	335	315	320	310	30	155	85	130	110	120	140	145	7	
4	105	90	145	150	85	130	130	130	135	150	320	335	295	315	310	300	295	35	95	135	70	145	130	130	7	
5	40	260	5	55	100	5	335	340	160	310	320	345	290	[MT]	290	350	110	60	20	125	120	350	5	55	16	
6	130	215	125	70	5	80	95	95	15	30	295	303	305	300	300	310	340	95	60	110	75	130	80	45	5	
7	70	175	110	95	125	95	120	105	105	5	310	315	310	80	305	320	50	80	105	110	50	95	75	0	6	
8	123	125	0	75	320	100	65	5	30	290	140	300	325	315	300	105	315	85	115	25	55	225	65	100	[VA]	
9	75	300	340	10	290	275	215	30	115	300	290	330	305	290	300	335	45	30	300	135	85	110	100	100	14	
10	125	60	60	125	140	105	130	130	140	35	290	275	300	280	305	290	245	315	100	15	50	25	90	115	7	
11	130	160	125	150	140	210	200	175	245	20	340	320	200	290	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	7	
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	165	170	160	160	160	155	165	165	170	165	135	120	120	125	8	
13	125	130	130	140	150	130	125	135	120	120	170	165	165	180	160	160	170	25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	8	
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[	]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[	]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[	]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	295	310	315	265	205	55	90	80	90	50	100	105	5	
18	135	85	60	30	35	110	135	140	125	60	290	315	315	305	290	180	335	110	120	75	70	40	90	40	4	
19	110	125	105	110	65	75	35	120	140	195	290	305	305	300	300	305	325	95	70	95	75	65	60	130	4	
20	30	45	50	115	145	45	65	45	25	295	300	310	315	325	310	320	5	55	65	100	125	85	55	125	3	
21	133	150	345	135	0	110	50	235	345	300	265	315	310	315	175	190	310	10	75	355	0	35	115	125	15	
22	85	100	80	70	35	50	90	150	5	290	290	315	325	310	300	315	205	95	110	70	80	50	90	135	5	
23	110	70	80	340	125	345	250	185	330	280	305	275	250	330	335	295	355	130	130	55	115	135	115	125	7	
24	140	130	115	90	0	70	90	45	90	260	225	75	315	305	330	295	345	15	320	335	10	355	160	75	16	
25	320	290	60	275	10	345	130	65	60	130	315	330	315	275	265	265	335	15	40	50	65	125	150	155	4	
26	265	40	130	120	95	135	5	130	55	5	300	325	290	320	335	305	0	10	220	75	245	150	305	70	15	
27	130	45	120	95	45	270	70	140	130	145	0	325	320	25	310	315	305	35	125	130	125	120	140	130	7	
28	140	135	135	140	140	145	140	120	150	140	10	320	325	0	325	330	30	130	120	150	135	40	135	155	7	
29	135	85	70	130	55	85	20	50	95	35	335	315	315	345	315	5	5	60	110	80	90	90	70	45	5	
30	120	100	125	120	110	110	135	235	140	125	310	0	315	315	295	0	150	160	170	130	100	15	105	65	[VA]	
31	300	325	295	305	315	320	330	325	325	325	295	295	290	305	305	295	300	300	0	25	55	50	0	260	[VA]	
PV	6	7	6	[VA]	7	6	7	[VA]	7	14	15	15	15	[VA]	15	[VA]	16	2	5	7	4	6	5	7	7	

WIND DIRECTION @ 10M
(DEGREES)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 12

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO REVISION *

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	PREV	PEAK
1	130	95	105	125	140	150	140	140	140	140	65	310	35	340	5	290	335	55	85	110	130	140	145	150	7	
2	145	150	155	135	145	135	100	145	115	145	150	220	320	320	315	310	220	95	90	145	150	150	5	225	7	
3	135	75	135	135	140	140	130	110	115	120	105	315	310	325	315	345	315	30	80	335	245	315	15	145	7	
4	240	345	330	65	85	80	110	135	180	320	300	[MT]	330	330	310	280	185	130	100	75	130	90	105	100	5	
5	135	80	133	105	285	165	10	260	110	305	325	330	320	220	255	340	300	355	295	255	0	65	290	335	16	
6	155	150	275	35	70	120	120	130	140	130	130	145	215	290	295	295	210	130	130	130	40	115	120	135	7	
7	145	130	135	145	150	150	150	50	120	125	110	320	285	265	260	310	225	50	40	110	110	325	205	240	7	
8	65	65	350	335	250	80	303	200	280	255	310	310	310	305	310	315	305	130	115	75	35	115	125	80	15	
9	115	130	140	130	30	75	40	40	320	180	290	315	300	330	55	255	170	25	40	75	325	305	65	90	3	
10	105	70	120	285	285	140	140	275	95	145	350	265	260	295	285	165	150	140	120	65	110	135	130	130	7	
11	140	135	140	65	125	135	135	80	115	125	145	290	315	350	330	225	140	130	60	90	85	95	135	140	7	
12	10	205	225	100	340	160	5	90	325	270	220	330	250	280	290	340	270	210	230	250	245	20	100	40	11	
13	280	270	280	245	125	130	145	140	150	150	150	185	315	320	215	5	175	115	135	150	175	145	140	100	8	
14	150	90	30	45	95	125	130	135	140	15	220	220	270	310	330	340	340	140	80	75	120	110	95	140	7	
15	80	60	15	110	75	335	40	90	120	315	5	305	310	320	305	280	210	55	210	110	150	95	80	290	5	
16	150	130	60	80	25	310	120	355	110	240	290	310	315	305	300	290	290	20	65	135	105	90	100	40	[VA]	
17	45	35	120	150	115	70	115	25	85	170	305	305	310	310	320	305	325	45	80	105	80	65	90	125	6	
18	125	130	115	110	50	50	355	125	270	250	35	280	320	305	355	175	310	155	130	95	65	90	305	345	7	
19	50	5	305	85	90	90	100	55	75	120	335	300	300	315	305	295	235	90	80	135	135	140	120	90	5	
20	140	135	130	125	130	155	130	125	110	130	290	305	305	305	310	310	300	70	60	125	130	125	120	135	7	
21	145	155	155	155	150	20	30	145	145	10	300	310	310	305	310	315	295	30	130	110	120	130	125	40	7	
22	105	125	140	135	125	105	135	130	50	135	5	305	305	310	310	300	270	0	105	125	95	95	125	130	7	
23	135	30	65	80	130	60	125	55	75	120	305	305	280	345	325	330	295	320	310	20	230	105	95	155	15	
24	50	40	85	85	310	325	340	220	30	180	350	15	300	310	305	310	230	120	80	90	30	45	60	125	15	
25	125	125	125	135	155	155	160	155	145	150	15	325	330	305	300	320	295	35	120	130	135	145	150	155	7	
26	145	145	150	150	145	140	160	165	105	335	330	305	315	320	305	340	130	325	15	190	35	40	150	155	8	
27	130	65	65	30	120	130	135	85	130	145	310	290	300	310	310	315	150	320	65	90	120	80	125	150	7	
28	70	145	110	40	125	145	325	25	25	200	335	340	330	295	240	325	330	15	130	150	165	155	85	135	7	
29	150	110	65	30	145	145	140	75	105	145	15	335	300	320	315	305	315	90	70	120	125	75	150	160	7	
30	55	110	145	155	130	150	135	30	35	195	255	320	280	235	305	310	325	190	115	95	120	120	35	175	6	
31	100	125	105	130	140	155	150	150	150	135	5	345	310	325	305	295	315	5	90	110	105	140	160	145	7	
PK	7	7	7	7	7	7	7	7	[VA]	7	15	15	14	15	15	15	15	3	5	6	[VA]	[VA]	7	8	7	

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 12

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PER
1	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]	[ ]
2	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]	[ ]
3	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]	[ ]
4	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]	[ ]
5	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	17	17	14	8	7	6	5	4	5	3	9	17
6	1	2	1	1	-1	-1	-1	0	5	11	14	15	16	19	20	20	16	10	9	7	8	6	5	8	20
7	4	4	3	1	2	-1	-1	2	7	12	14	16	16	20	21	20	18	17	14	13	13	12	10	8	10	21
8	3	3	6	7	7	3	3	6	7	10	11	11	9	10	10	10	5	4	4	5	6	4	2	1	7	11
9	-1	-1	0	0	0	0	-2	-3	2	3	5	6	6	7	6	6	5	-2	-2	-3	-3	-3	-3	-3	1	7
10	-5	-5	-4	-5	-4	-4	-5	-4	-1	4	9	12	11	7	7	7	6	5	4	3	3	2	2	0	2	12
11	-1	-1	0	1	0	0	1	0	3	3	3	4	3	5	5	4	3	2	2	-2	-4	-5	-5	-5	1	5
12	-7	-7	-6	-6	-7	-7	-5	-6	-1	2	3	5	5	6	6	6	3	-1	-3	-3	-5	-2	-3	-4	-2	6
13	-8	-7	-7	-8	-8	-8	-7	-7	-2	3	3	5	5	7	6	6	5	0	-2	-2	-2	-3	-2	-3	-1	8
14	-7	-6	-7	-8	-7	-7	-7	-6	-1	4	6	9	7	10	10	8	5	1	1	2	3	1	2	3	1	10
15	-1	-3	-2	-3	-4	-4	-5	-4	1	5	7	10	11	13	13	13	10	6	3	1	1	2	2	1	3	13
16	-1	-3	-4	-5	-4	-4	-5	-3	2	6	8	10	9	11	15	13	8	5	3	3	3	3	4	5	3	15
17	-1	-2	-4	-4	-3	-1	-3	-3	2	9	10	11	10	12	14	13	9	6	4	4	3	4	3	3	4	14
18	1	-1	-1	-1	-1	-2	-4	-3	3	8	9	11	9	9	10	9	7	7	7	6	5	5	3	5	4	11
19	1	-1	-1	-1	-2	0	0	-1	0	2	3	3	2	3	2	2	1	2	0	-1	-1	-2	-5	-5	0	3
20	-6	-9	-10	-9	-10	-10	-11	-9	-6	-2	1	2	1	1	2	1	-1	-1	-1	-2	-3	-3	-3	-3	-4	2
21	-6	-7	-5	-4	-3	-3	-3	-3	-1	2	3	4	3	3	5	4	0	-3	-4	-4	-3	-3	-5	-5	-1	5
22	-7	-9	-9	-11	-9	-9	-10	-10	-7	-1	3	4	2	4	5	5	2	-1	-4	-5	-4	-3	-3	-2	-3	5
23	-5	-5	-6	-6	-5	-5	-6	-4	-1	1	3	5	4	6	8	6	3	0	-1	-1	0	-2	-2	-1	-1	8
24	-4	-4	-5	-5	-3	-3	-3	-2	-2	2	4	5	4	7	9	9	7	3	2	2	3	3	2	1	1	9
25	-1	2	0	-1	0	0	-1	-2	-2	-1	-1	0	-2	-1	-1	0	-3	-3	-4	-4	-5	-6	-6	-6	-2	2
26	-7	-6	-6	-6	-5	-7	-7	-6	-5	-4	-3	-2	-3	-3	-4	-4	-4	-4	-5	-4	-5	-6	-6	-6	-5	-2
27	-7	-0	-8	-7	-7	-7	-7	-7	-7	-5	-4	-3	-4	-4	-4	-4	-4	-4	-4	-4	-3	-3	-2	-2	-5	-2
28	-5	-4	-3	-4	-3	-4	-4	-3	-2	-2	-2	2	2	4	4	3	3	3	2	1	0	-1	-1	1	-1	4
29	-2	-2	-1	-2	-3	-3	-4	-4	-3	-3	-2	-1	-4	-4	-4	-5	-6	-7	-6	-7	-9	-11	-10	-8	-5	-1
30	-9	-9	-9	-9	-9	-9	-9	-7	-5	-2	3	4	2	2	3	2	-2	-4	-4	-2	-3	-5	0	-1	-3	4
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AVE	-3	-3	-3	-4	-4	-4	-4	-4	-1	3	4	6	5	6	7	7	4	2	1	0	0	0	-1	-1	1 [	1
PER	1	1	4	4	4	4	4	4	3	4	5	5	5	6	6	7	7	6	5	5	5	5	4	4	4 [	1

TEMPERATURE
(DEGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 12

DECEMBER,1975

AEROVIRONMENT INC

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-3	-3	-1	1	2	-3	-3	-2	3	8	11	13	11	11	12	7	4	3	2	1	2	2	0	-1	3	13
2	-3	-4	-4	-4	-3	-2	-4	-5	-2	1	6	6	5	5	7	7	3	0	-2	-2	-3	-2	-2	-3	0	7
3	-5	-5	-5	-3	-5	-5	-5	-6	-2	2	3	3	2	3	5	6	4	-1	-2	-4	-4	-4	-3	-3	-2	6
4	-7	-6	-6	-5	-7	-8	-8	-6	-3	1	2	3	2	2	5	5	3	-1	-3	-4	-5	-6	-5	-5	-3	5
5	-7	-7	-9	-9	-9	-10	-8	-6	-5	-2	0	0	-1	[MT]	2	1	0	-2	-4	-3	-1	-2	-2	-2	-4	2
6	-1	-2	-3	-2	-4	-5	-6	-7	-5	0	3	4	7	7	7	7	5	0	-2	-3	-4	-3	-3	-5	-1	7
7	-5	-6	-4	-5	-6	-6	-7	-7	-5	-1	0	0	3	5	5	4	2	-1	-3	-3	-4	-5	-5	-6	-3	5
8	-5	-6	-5	-3	-6	-6	-7	-8	-6	-4	-2	1	2	3	3	3	1	-2	-3	-5	-6	-6	-6	-7	-3	3
9	-5	-6	-8	-9	-9	-10	-11	-11	-9	-8	-7	-6	-3	-3	-3	-3	-3	-4	-5	-6	-6	-6	-7	-7	-6	-3
10	-8	-9	-11	-11	-10	-10	-10	-11	-10	-9	-9	-8	-4	-3	-4	-5	-4	-4	-5	-6	-5	-6	-7	-7	-7	-3
11	-5	-6	-8	-8	-9	-2	-8	-9	-7	-5	-4	-4	0	-2	-3	-3	-4	-5	-5	-5	-5	-6	-6	-5	-6	0
12	-5	-5	-5	-4	-4	-4	-4	-3	-3	-3	1	6	7	6	6	4	5	5	4	5	1	-2	-1	-3	0	7
13	0	-2	-1	0	0	-1	-4	-5	-5	4	5	5	7	4	3	3	1	0	-1	-2	-3	-3	-4	-4	0	7
14	-2	-2	-3	-4	-5	-6	-6	-8	-9	-9	-7	-4	-3	-1	-3	-5	-9	-13	-15	-15	-16	-16	-17	-16	-8	-1
15	-15	-8	-17	-15	-19	-18	-19	-19	-16	-13	-6	-9	-6	-6	-6	-9	-13	-17	-17	-18	-19	-19	-19	-19	-15	-6
16	-13	-17	-16	-15	-20	-21	-20	-20	-19	-13	-11	-10	-3	2	0	-4	-6	-11	-12	-13	-14	-12	-13	-14	-13	2
17	-17	-13	-12	-12	-14	-16	-17	-17	-15	-9	-6	-8	-5	-5	-5	-6	-9	-13	-16	-16	-16	-15	-17	-17	-12	-5
18	-15	-16	-16	-17	-18	-18	-17	-17	-16	-12	-11	-7	-5	-4	-5	-4	-8	-13	-14	-14	-16	-17	-19	-20	-13	-4
19	-17	-17	-18	-18	-18	-19	-19	-19	-17	-12	-11	-10	-6	-5	-4	-5	-8	-12	-15	-17	-17	-17	-18	-17	-14	-4
20	-16	-17	-18	-18	-17	-17	-18	-18	-16	-13	-11	-9	-8	-7	-5	-6	-9	-13	-16	-16	-16	-16	-16	-17	-14	-5
21	-15	-15	-15	-16	-16	-16	-15	-15	-14	-13	-8	-6	-6	-2	0	-2	-5	-7	-9	-9	-9	-11	-11	-13	-10	3
22	-14	-15	-14	-16	-15	-16	-17	-16	-13	-11	-9	-8	-6	-5	-5	-5	-7	-11	-14	-14	-15	-15	-16	-15	-12	-5
23	-14	-14	-14	-14	-13	-12	-12	-11	-10	-9	-6	-5	-3	-2	-3	-1	-6	-10	-12	-12	-12	-11	-13	-14	-10	-1
24	-15	-14	-14	-15	-14	-15	-17	-16	-16	-10	-5	-2	-2	-4	-4	-5	-7	-7	-7	-8	-9	-9	-9	-9	-10	-2
25	-9	-9	-10	-9	-9	-10	-11	-12	-11	-9	-7	-6	-6	-1	-3	-3	-5	-9	-10	-10	-10	-10	-9	-10	-8	-1
26	-10	-11	-10	-11	-13	-13	-13	-15	-11	-8	-7	-5	-4	-3	-4	-4	-6	-7	-8	-7	-8	-3	-6	-9	-8	-3
27	-11	-10	-12	-12	-12	-13	-13	-13	-10	-6	-4	3	4	3	3	2	0	-2	-9	-10	-10	-10	-9	-11	-7	4
28	-11	-12	-13	-14	-14	-15	-15	-16	-14	-8	-5	-5	-4	-2	0	-3	-5	-11	-14	-12	-12	-14	-15	-14	-10	0
29	-14	-14	-14	-15	-16	-17	-18	-16	-14	-9	-6	-6	-5	-4	-5	-4	-6	-10	-13	-13	-13	-14	-14	-14	-11	-4
30	-15	-18	-15	-16	-16	-15	-15	-15	-14	-10	-6	-6	-5	-5	-5	-5	-5	-4	-4	-5	-5	-6	-5	-6	-9	-4
31	-6	-6	-6	-7	-7	-7	-8	-8	-8	-6	-6	-5	-5	-5	-6	-6	-7	-7	-8	-8	-9	-10	-9	-11	-7	-5
AV	-8	-10	-10	-10	-11	-11	-11	-12	-10	-6	-4	-3	-1	-1	0	-1	-3	-6	-8	-8	-9	-9	-9	-10	-7	[ ]
SD	5	5	5	6	6	6	5	5	5	5	6	6	5	4	5	5	5	5	6	6	6	6	6	5	5	[ ]

MPERATURE
EGREES C.)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 12

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	-10	-10	11	13	14	14	16	15	13	14	-9	-9	-9	-9	-8	-9	10	14	17	18	18	19	20	20	7	20
2	22	21	21	21	21	21	20	20	21	20	16	11	14	13	13	13	13	17	20	20	18	16	15	16	18	22
3	19	21	23	22	21	21	22	23	23	19	14	14	12	11	10	11	13	14	16	14	14	14	14	14	17	23
4	14	14	14	15	15	14	15	14	12	10	11	10	-7	-6	-5	-5	-9	12	16	18	17	18	18	18	10	18
5	17	17	16	15	15	13	11	12	12	11	11	-6	-6	-2	-3	-6	-6	-7	-8	-8	-8	-8	-8	-10	3	17
6	-9	11	-10	-10	11	12	14	12	12	-9	-6	-1	1	-2	-3	-4	-4	-8	-6	-7	-8	12	14	12	1	14
7	13	13	14	15	14	14	14	15	14	11	-7	-8	-7	-2	1	-4	-7	12	15	16	16	15	15	13	9	16
8	13	13	14	12	12	12	11	10	10	-8	-7	-8	-7	-4	-1	-5	-6	-9	11	14	16	16	15	15	6	16
9	15	15	16	15	14	14	15	13	12	11	-5	-6	-5	-3	2	-2	-5	-5	-6	-8	-9	-9	-8	-9	3	16
10	-9	-10	10	-8	-8	-7	-6	-7	-8	-5	-2	4	4	2	1	2	0	-4	-5	-7	-10	-10	12	13	-2	13
11	-9	11	12	14	16	14	13	14	14	10	-6	-4	-3	-3	-2	-1	-2	-7	-8	-9	10	11	-9	-7	3	16
12	-8	-9	-9	-8	-8	-10	11	12	11	-8	-4	-1	-1	2	-2	-2	0	2	3	2	0	-4	-5	-6	-2	12
13	-3	-3	-3	-5	-7	12	12	11	11	-7	-2	1	0	0	-1	1	-2	-9	12	11	-10	11	12	11	2	12
14	11	14	16	16	17	17	17	16	14	12	-9	-2	-2	-4	-4	-4	-6	-7	10	12	14	13	14	14	9	17
15	12	13	13	13	13	12	13	13	13	-10	-5	-3	-2	0	-1	0	-3	-4	-4	-6	-6	-6	-6	-6	2	13
16	10	11	10	-9	-9	-10	10	10	10	43	-2	-1	1	3	3	3	3	-2	-5	-7	-9	-9	-9	-9	2	43
17	-8	-8	11	11	10	-10	-9	11	10	-6	-2	-2	-1	1	0	1	0	-4	-7	-9	-9	-9	-9	-9	-2	11
18	-8	-8	-8	-9	-8	-9	-8	-10	-10	-7	-1	0	0	2	3	4	-2	-4	-4	-5	-7	-6	-3	-2	-5	5
19	-3	-3	-2	-6	-9	12	13	14	12	-7	-3	-1	1	3	3	3	1	-4	-7	-8	-7	-9	10	10	1	14
20	11	11	12	13	11	12	14	14	13	-8	-6	-5	-3	0	1	0	-1	-6	-10	11	11	11	11	12	5	14
21	11	12	12	13	15	14	14	15	13	-9	-7	-5	-3	-2	-2	-2	-3	-7	11	13	13	13	13	14	7	15
22	6	14	15	15	15	16	16	15	14	10	-8	-8	-5	-4	-5	-3	-3	-6	11	12	13	13	15	14	8	16
23	12	14	15	16	15	15	16	17	17	11	11	-7	-4	-5	-7	-5	-4	-6	-6	-6	-7	-7	-6	-5	4	17
24	-5	-7	-8	-8	-9	-9	-8	-8	-7	-4	-3	-7	-2	1	2	3	1	-5	-9	11	-9	-8	-10	10	-4	11
25	11	11	11	11	11	10	10	-9	-9	-4	-1	0	0	-1	1	-2	-2	-5	-9	10	11	11	13	13	4	13
26	14	15	14	15	14	13	13	12	-10	-8	-7	-2	-5	-3	-1	0	-1	-2	-4	-6	-4	-6	-8	-9	1	15
27	10	-9	-9	11	13	13	13	13	11	-5	-3	1	-1	-1	0	1	0	-1	-3	-6	-7	-7	-6	-7	1	13
28	-7	-10	-8	-9	-10	-10	-9	-8	-7	-3	-1	2	0	2	6	3	3	0	-5	-5	-3	-3	-4	-6	-4	6
29	-9	-9	-9	-9	-9	-9	-7	-8	-7	1	2	2	1	2	4	3	2	-1	-4	-5	-6	-6	-5	-5	-4	4
30	-9	-9	-9	-9	-9	-9	-9	-9	-7	-4	1	3	5	8	5	6	6	1	2	3	3	3	-1	-4	-2	8
31	-8	-8	-7	-7	-7	-7	-7	-7	-3	3	4	5	4	3	4	5	4	2	-3	-4	-5	-6	-5	-6	-2	5
AV	4	3	5	6	6	7	8	8	7	2	-1	-1	-1	0	1	0	0	-1	1	3	2	3	3	4	3	[1
SD	11	11	11	11	11	11	10	10	10	12	7	6	5	5	4	5	5	7	10	10	11	11	11	11	5	[1

B. METEOROLOGY

2. MISCELLANEOUS DATA

WEATHER LOG

Month Nov Year 1975 Location White River Project, Utah

	1000			1600				
Day	Sky	Precip.	Ground	Sky	Precip.	Ground	Comments	By
1	O	—	Damp	O	—	Dry		[illegible]
2	O	—	Damp	O	—	Dry	Heavy Fog last night	[illegible]
3	S ⊕ h	—	Dry	S ◐ h	—	Dry		[illegible]
4	Cu ◐ h	—	Dry	O	—	Dry		[illegible]
5	O	—	Dry	O	—	Dry		[illegible]
6	[illegible]	—	Dry	O	—	Dry		[illegible]
7	Cu [illegible]	—	Dry	Cu ◐ L	—	Dry		[illegible]
8	Cu ◐ L	—	Wet	Cu ⊕ L	—	Wet	Rain overnight	[illegible]
9	O	—	Damp	O	—	Dry	Lt Snow last night	[illegible]
10	Cu ◐ L	—	Dry	Cu ◐ L	—	Dry		[illegible]
11	Cu ◐ L	—	Wet	Cu ◐ L	—	Damp	1" Snow last night	[illegible]
12	O	—	Dry	O	—	Dry		[illegible]
13	O	—	Dry	O	—	Dry		[illegible]
14	O	—	Dry	Cu ◐ L	—	Dry		[illegible]
15	Cu ◐ h	—	Dry	Cu ◐ h	—	Dry		[illegible]
16	Cu ◐ L	—	Dry	Cu ◐ L	—	Dry		[illegible]
17	Cu ◐ L	—	Dry	Cu ◐ L	—	Dry		[illegible]
18	Cu ◐ L	—	Dry	Cu ◐ L	—	Dry		[illegible]
19	Cu ⊕ L	—	Dry	Cu ◐ L	—	Dry		[illegible]
20	Cu ◐ L	—	Dry	Cu ◐ L	—	Dry		[illegible]
21	Cu ◐ L	Lt Snow	1/2" Snow	Cu ◐ L	—	Damp	Lt Snow overnight	[illegible]
22	O	—	Dry	O	—	Dry		[illegible]
23	Cu ◐ L	—	Dry	Cu ◐ L	—	Dry		[illegible]
24	Cu ⊕ L	—	Dry	Cu ⊕ L	—	Dry		[illegible]
25	Cu ◐ L	—	Dry	Cu ◐ L	—	Dry		[illegible]
26	Cu ⊕ L	—	1" Snow	Cu ⊕ L	Lt Snow	2" Snow	Lt Snow overnight -1"	[illegible]
27	Cu ⊕ L	Lt Snow	2" Snow	Cu ⊕ L	Lt Snow	2" Snow		[illegible]
28	Cu ⊕ L	Snow	6" Snow	Cu ⊕ L	Lt Snow	6 1/2" Snow	Heavy Snow overnight	[illegible]
29	Cu ⊕ L	Lt Snow	6 1/2" Snow	Cu ⊕ L	—	6 1/2" Snow		[illegible]
30	O	—	5" Snow	O	—	3" Snow		[illegible]
31								

Key: Sky: O Clear; ◐ Scattered (10-60%), ◐ Broken (60-90%), ⊕ Overcast, Cu Cumulus Ci Cirrus, S Stratus, N Nimbus, - thin, ℓ low, h high.

Precipitation: R Rain, S Snow, + Heavy, - Light.

Ground: Wet or dry, frosty, snow depth, etc.

Comments: Fog, blowing sand or snow, ice, etc. Note observation time.
ALL TIMES ARE STANDARD TIME

WEATHER LOG

Month Dec Year 1975 Location UTAH White River

	1000			1600				
Day	Sky	Precip.	Ground	Sky	Precip.	Ground	Comments	By
1	O	—	2" Snow	O	—	Patches of Snow		
2	O	—	Wet	Cu ⊘ L	—	Wet	Patches of Snow	
3	S ⊘ h	—	Damp	S ⊘ h	—	Damp	Patches of Snow	
4	O	—	Damp	Cu ⊘ h	—	Damp		
5	Ci ⊘ h	—	Wet	Cu ⊘ h	—	Wet	Heavy Frost + Fog Last Night	
6	S ⊘ h	—	Damp	Cu ⊘ h	—	Damp		
7	Cu ⊕ L	—	Frozen	Cu ⊕ L	—	Wet	Frost	
8	Cu ⊘ L	—	Wet	Cu ⊕ L	—	Wet	visibility less than 1/4 mile Fog Patches Heavy Fog 0500 - 0630 on Site	
9	?	—	Wet	?	—	Wet	Heavy Fog All Day	
10	Cu ⊕ L	—	Wet	Cu ⊕ L	—	Wet	Heavy Fog Last Night / Some Fog All Day	
11	Cu ⊕ L	—	Wet	Cu ⊕ L	—	Wet	Heavy Fog All Day	
12	Cu ⊕ L	—	Wet	Cu ⊕ L	—	Wet	Heavy Fog Early Morning / Fog Patches All Day	
13	Cu ⊕ L	Lt Snow	4" Snow	Cu ⊕ L	—	4" Snow	Heavy Snow overnight	
14	Cu ⊘ L	—	3" Snow	Cu ⊘ L	—	3" Snow		
15	O	—	3" Snow	O	—	3" Snow		
16	O	—	3" Snow	O	—	2½" Snow		
17	O	—	2½" Snow	O	—	2½" Snow		
18	O	—	2" Snow	O	—	2" Snow		
19	O	—	2" Snow	O	—	2" Snow		
20	O	—	2" Snow	O	—	2" Snow		
21	Cu ⊘ L	—	2" Snow	O	—	2" Snow		
22	O	—	2" Snow	O	—	1½" Snow		
23	Cu ⊕ L	—	1½" Snow	Cu ⊕ L	—	1½" Snow		
24	Cu ⊕ L	—	1½" Snow	Cu ⊘ L	—	1½" Snow	Heavy Fog Till 11:00	
25	Cu ⊘ L	—	1½" Snow	O	—	1½" Snow		
26	Ci ⊘ h	—	1½" Snow	Cu ⊕ L	—	1½" Snow		
27	Cu ⊘ L	—	1½" Snow	Cu ⊘ L	—	1" Snow		
28	Cu ⊘ L	—	1" Snow	O	—	1" Snow		
29	Ci ⊘ h	—	1" Snow	Cu ⊘ h	—	1" Snow		
30	Cu ⊘ L	—	1" Snow	Cu ⊕ L	—	1" Snow		
31	Cu ⊕ L	—	4" Snow	Cu ⊕ L	—	4" Snow	3" Snow Overnight	

Key: Sky: O Clear; ⊘ Scattered (10-60%), ⊕ Broken (60-90%), ⊖ Overcast, Cu Cumulus Ci Cirrus, S Stratus, N Nimbus, - thin, ℓ low, h high.

Precipitation: R Rain, S Snow, + Heavy, - Light.

Ground: Wet or dry, frosty, snow depth, etc.

Comments: Fog, blowing sand or snow, ice, etc. Note observation time.
ALL TIMES ARE STANDARD TIME

WEATHER LOG

Month Jan Year 1976 Location Utah White River Shale Oil

Day	1000 Sky	1000 Precip.	1000 Ground	1600 Sky	1600 Precip.	1600 Ground	Comments	By
1	Cu ⊕ L	–	4" Snow	Cu ⊕ L	–	4" Snow		[illegible]
2	Ci ⦶ h	–	4" Snow	Ci ⦶ h	–	4" Snow		[illegible]
3	Cu ⦶ L	–	4" Snow	Cu ⊕ L	–	4" Snow		[illegible]
4	Cu ⊕ L	–	4" Snow	O	–	3" Snow		[illegible]
5	Cu ⊕ L	–	3" Snow	Cu ⊕ L	Lt Snow	3½" Snow		[illegible]
6	Cu ⊕ L	–	4½" Snow	Cu ⦶ L	–	4" Snow	1" Snow Overnight	[illegible]
7	Cu ⦶ L	–	4" Snow	Cu ⊕ L	–	4" Snow		[illegible]
8	Cu ⊕ L	–	4" Snow	Cu ⦶ L	–	4" Snow		[illegible]
9	Ci ⦶ h	–	4" Snow	Cu ⊕ L	–	3½" Snow		[illegible]
10	Cu ⦶ L	–	3" Snow	Ci ⦶ h	–	2½" Snow		[illegible]
11	Ci ⦶ h	–	2½" Snow	Ci ⦶ h	–	2" Snow		[illegible]
12	Cu ⊕ L	–	2" Snow	Cu ⊕ L	–	2" Snow		[illegible]
13	Ci ⦶ h	–	2" Snow	Ci ⦶ h	–	2" Snow		[illegible]
14	Ci ⦶ h	–	2½" Snow	Cu ⦶ L	–	2½" Snow	Lt Snow Overnight	[illegible]
15	Cu ⦶ L	–	2½" Snow	Cu ⦶ L	–	2½" Snow		[illegible]
16	Ci ⦶ h	–	2" Snow	Ci O h	–	2" Snow		[illegible]
17	O	–	2" Snow	O	–	2" Snow		[illegible]
18	Ci ⦶ h	–	1½" Snow	Cu ⊕ L	–	1½" Snow		[illegible]
19	Cu ⦶ L	–	1½" Snow	Ci ⦶ h	–	1½" Snow		[illegible]
20	O	–	1½" Snow	O	–	1½" Snow		[illegible]
21	O	–	1" Snow	O	–	1" Snow		[illegible]
22	O	–	1" Snow	O	–	1" Snow		[illegible]
23	Cu ⦶ L	–	1" Snow	Cu ⊕ L	–	1" Snow		[illegible]
24	Cu ⊕ L	–	2½" Snow	Cu ⊕ L	–	2½" Snow	1½" Snow Overnight	[illegible]
25	Cu ⊕ L	–	2½" Snow	Cu ⊕ L	–	2½" Snow		[illegible]
26	Ci ⦶ h	–	2½" Snow	Ci ⦶ h	–	2" Snow		[illegible]
27	Ci ⦶ h	–	2" Snow	Ci ⦶ h	–	2" Snow		[illegible]
28	Ci ⦶ h	–	2" Snow	Ci ⦶ h	–	1½" Snow		[illegible]
29	O	–	1½" Snow	O	–	1" Snow		[illegible]
30	Ci ⦶ h	–	1" Snow	Ci ⊕ h	–	1" Snow		[illegible]
31	Ci ⦶ h	–	1" Snow	Ci ⦶ h	–	½" Snow		[illegible]

Key: Sky: O Clear; ⦶ Scattered (10-60%), ⦶ Broken (60-90%), ⊕ Overcast; Cu Cumulus Ci Cirrus, S Stratus, N Nimbus, - thin, ℓ low, h high.

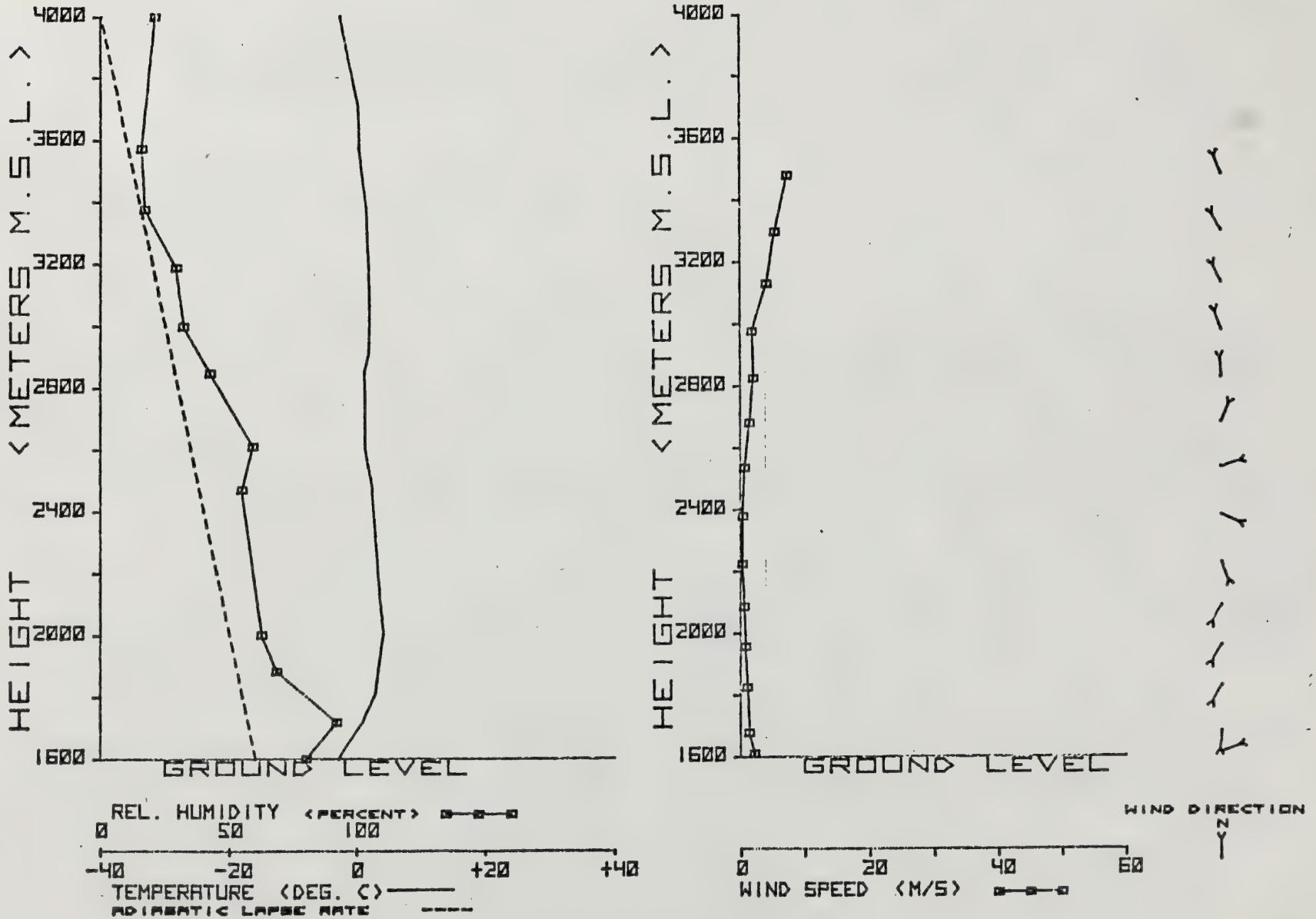
Precipitation: R Rain, S Snow, + Heavy, - Light.

Ground: Wet or dry, frosty, snow depth, etc.

Comments: Fog, blowing sand or snow, ice, etc. Note observation time.
ALL TIMES ARE STANDARD TIME

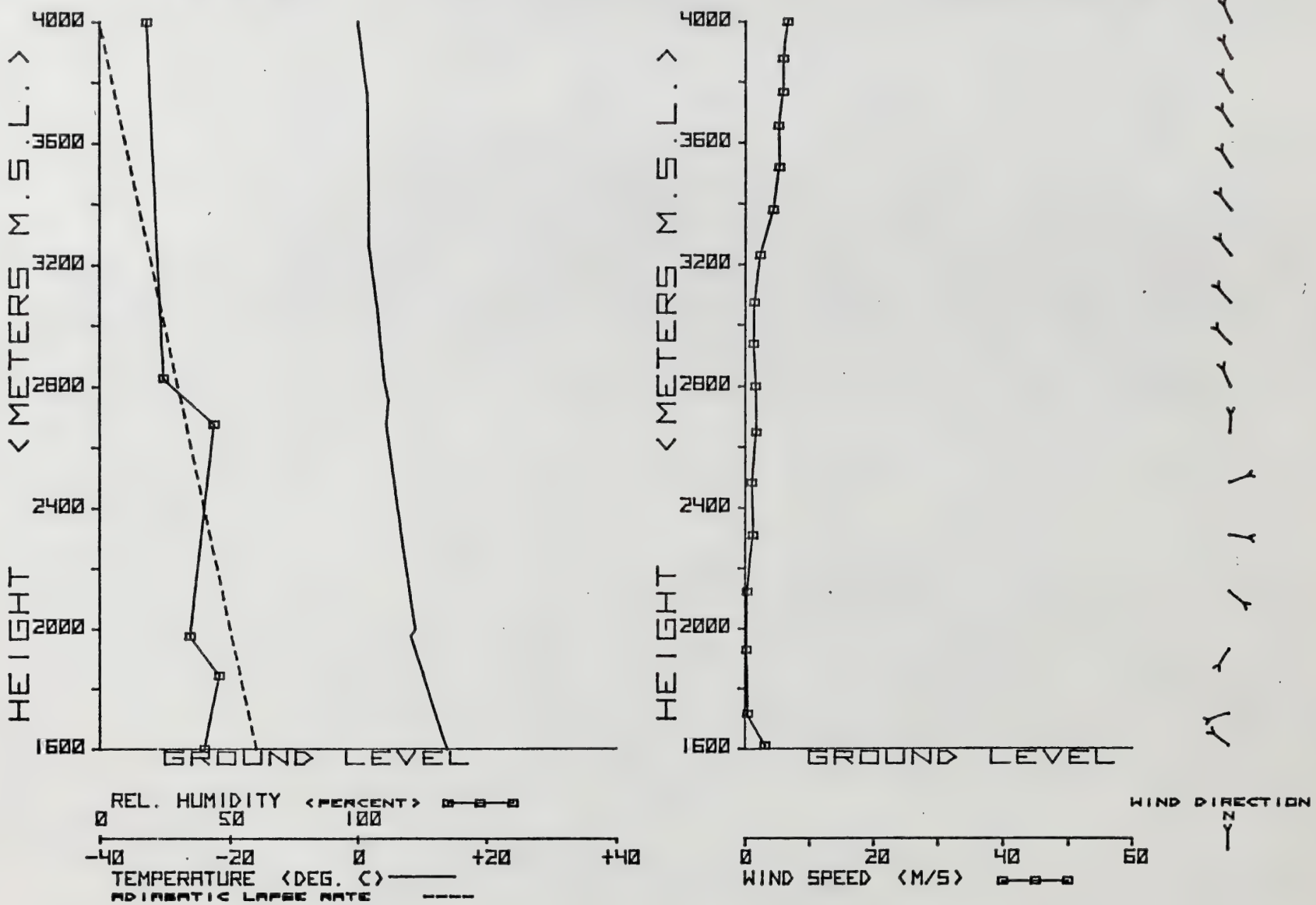
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 2 NOV 75 0634 MST AEROVIRONMENT INC.



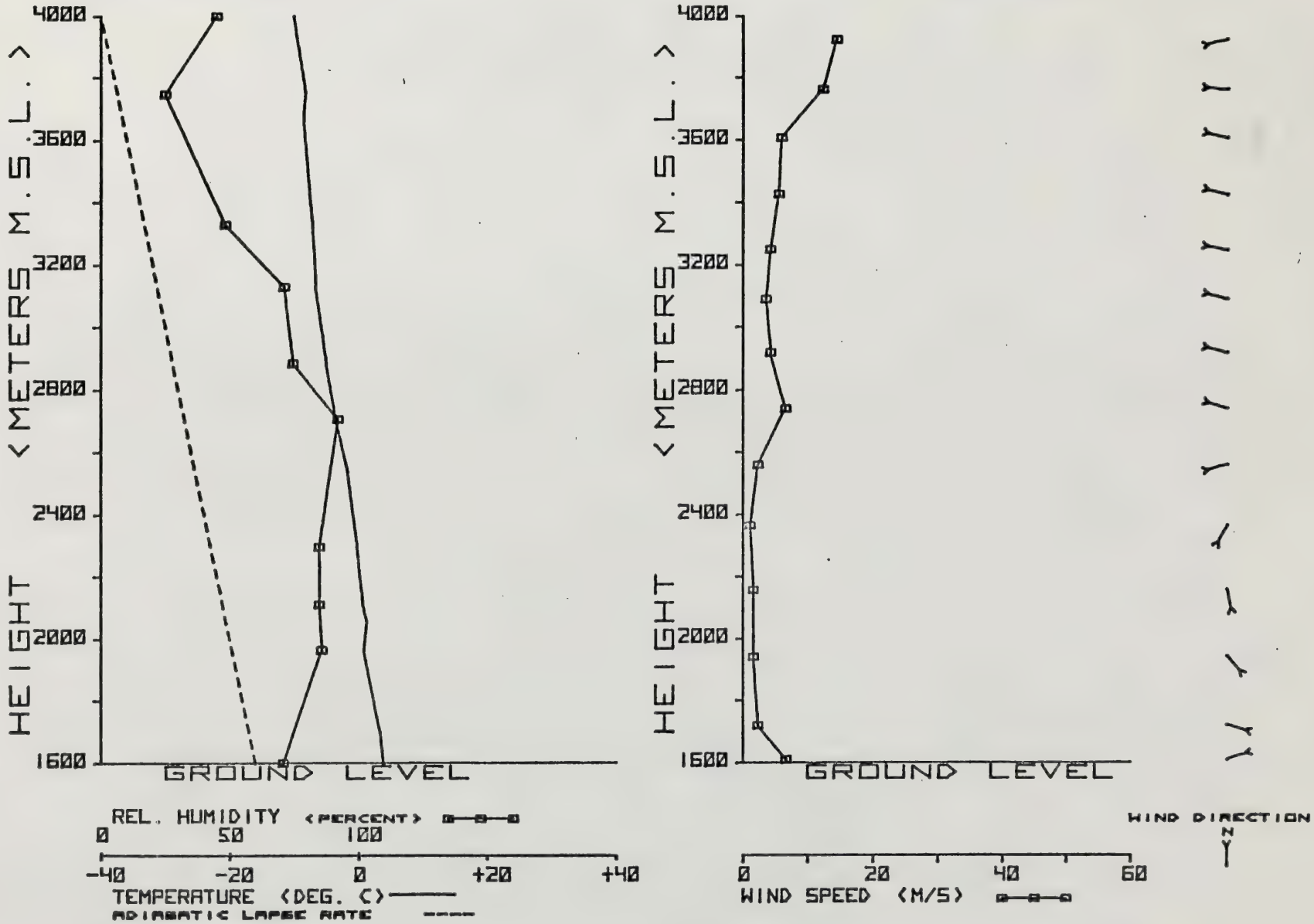
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 2 NOV 75 1355 MST AEROVIRONMENT INC.



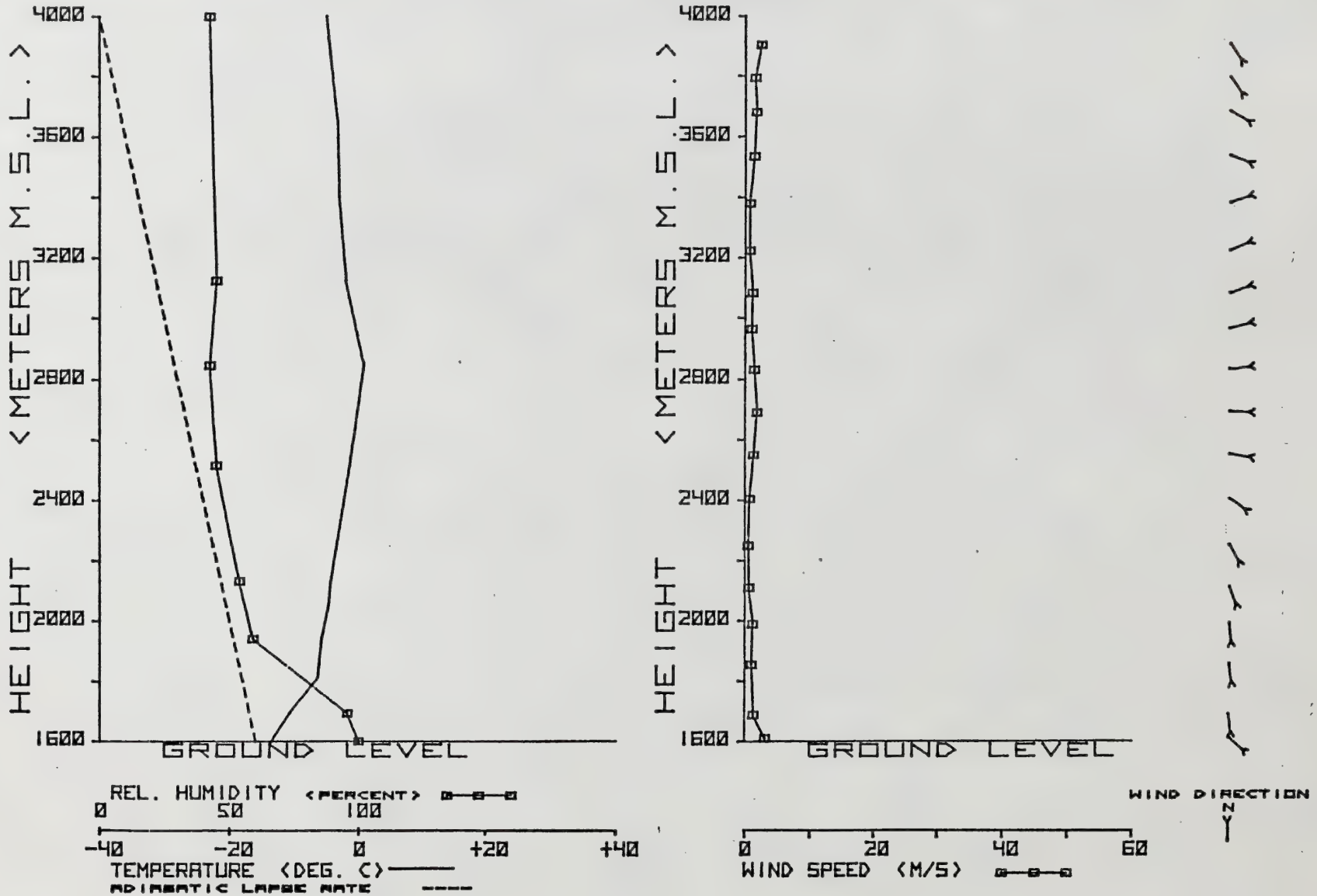
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 8 NOV 75 0642 MST AEROVIRONMENT INC.



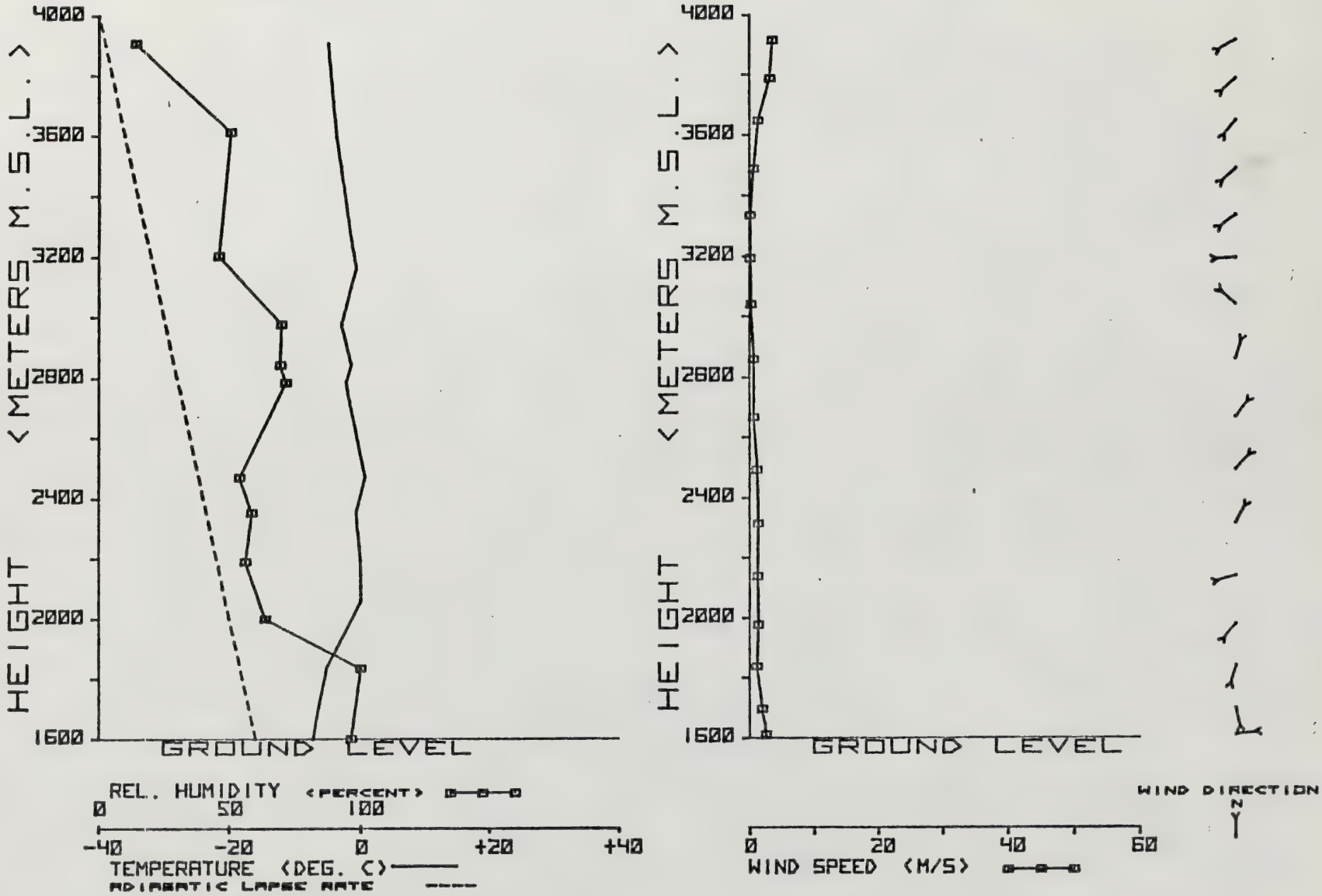
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 14 NOV 75 0637 MST AEROVIRONMENT INC.



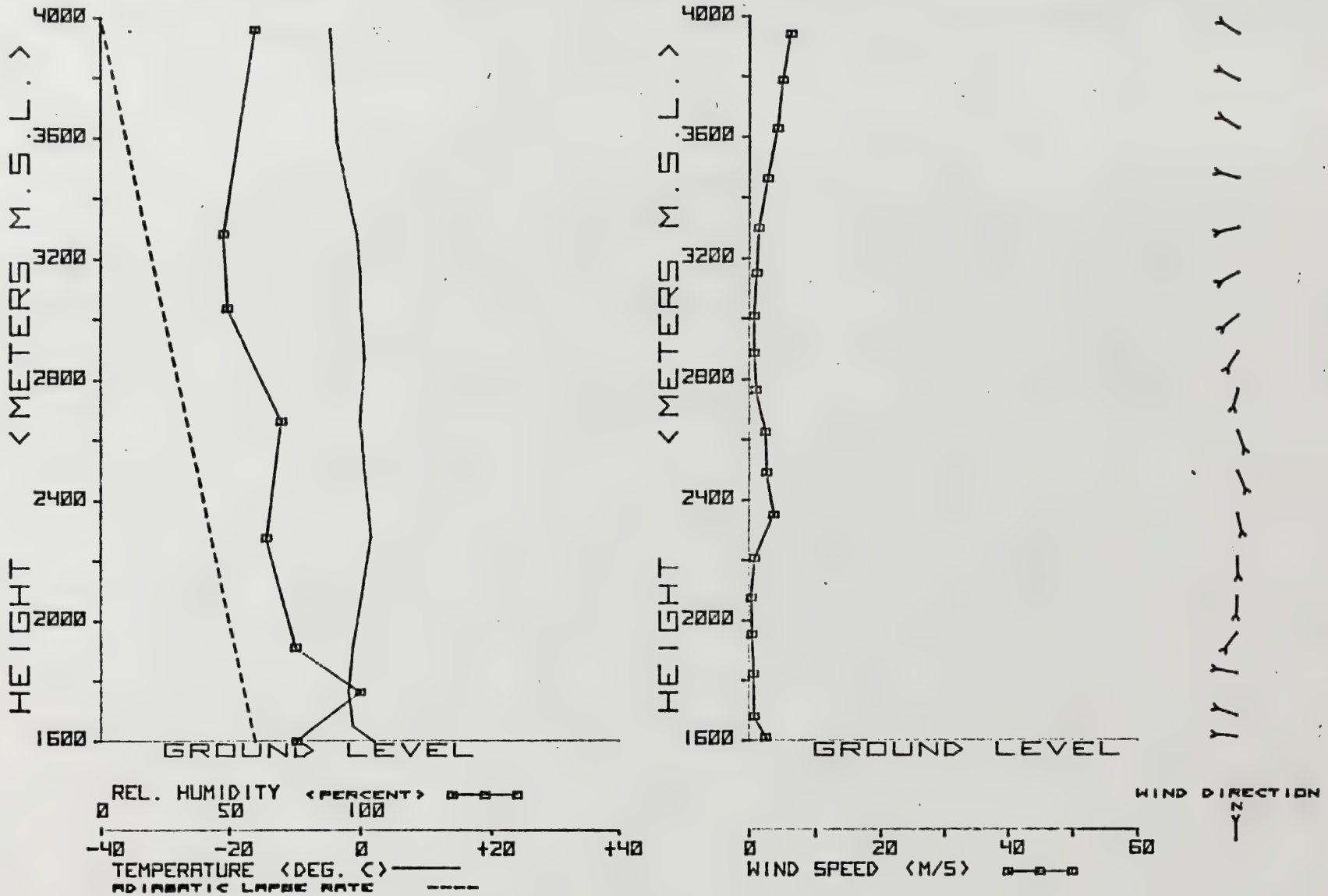
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 8 DEC 75 0657 MST AEROVIRONMENT INC.



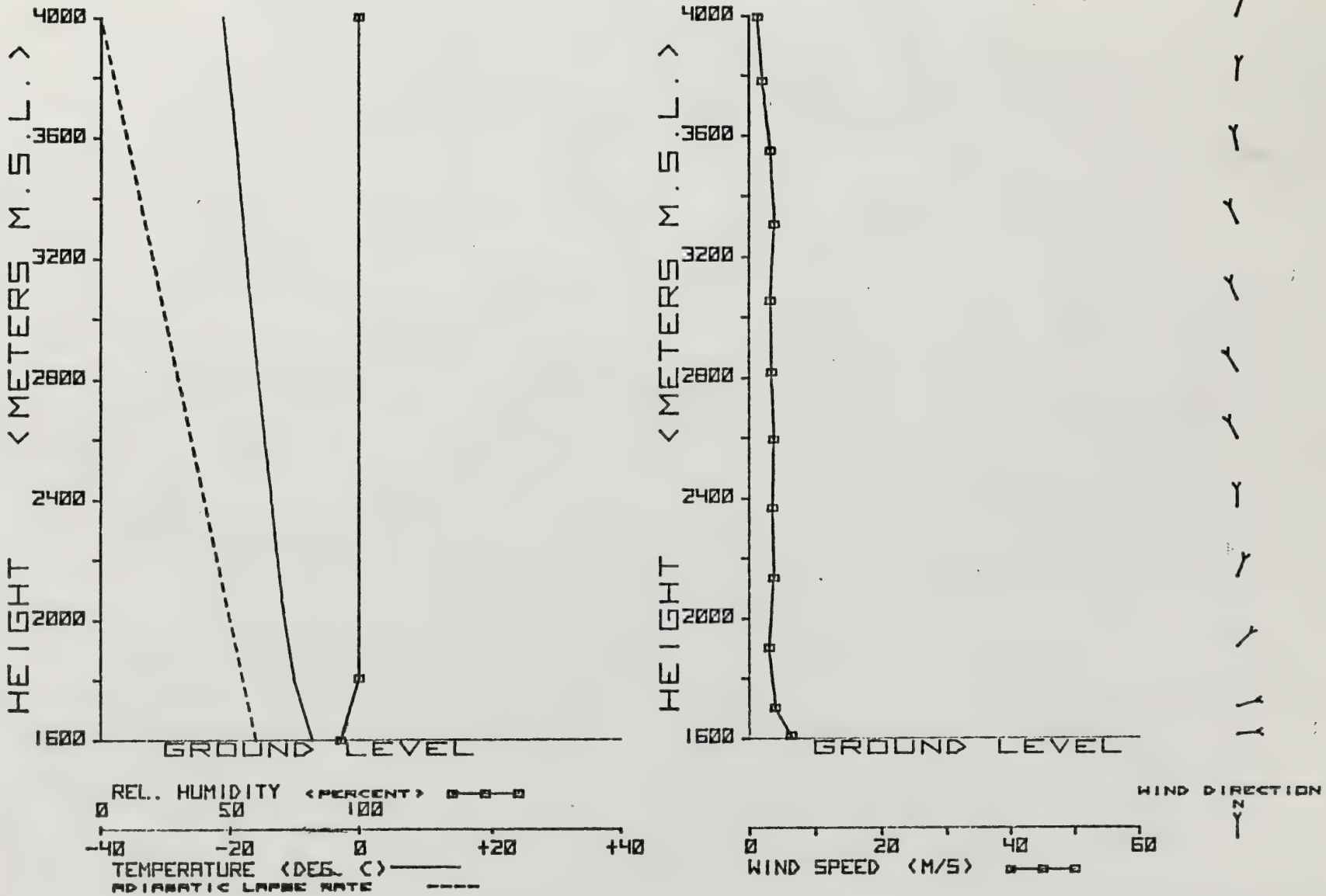
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 8 DEC 75 1353 MST AEROVIRONMENT INC.



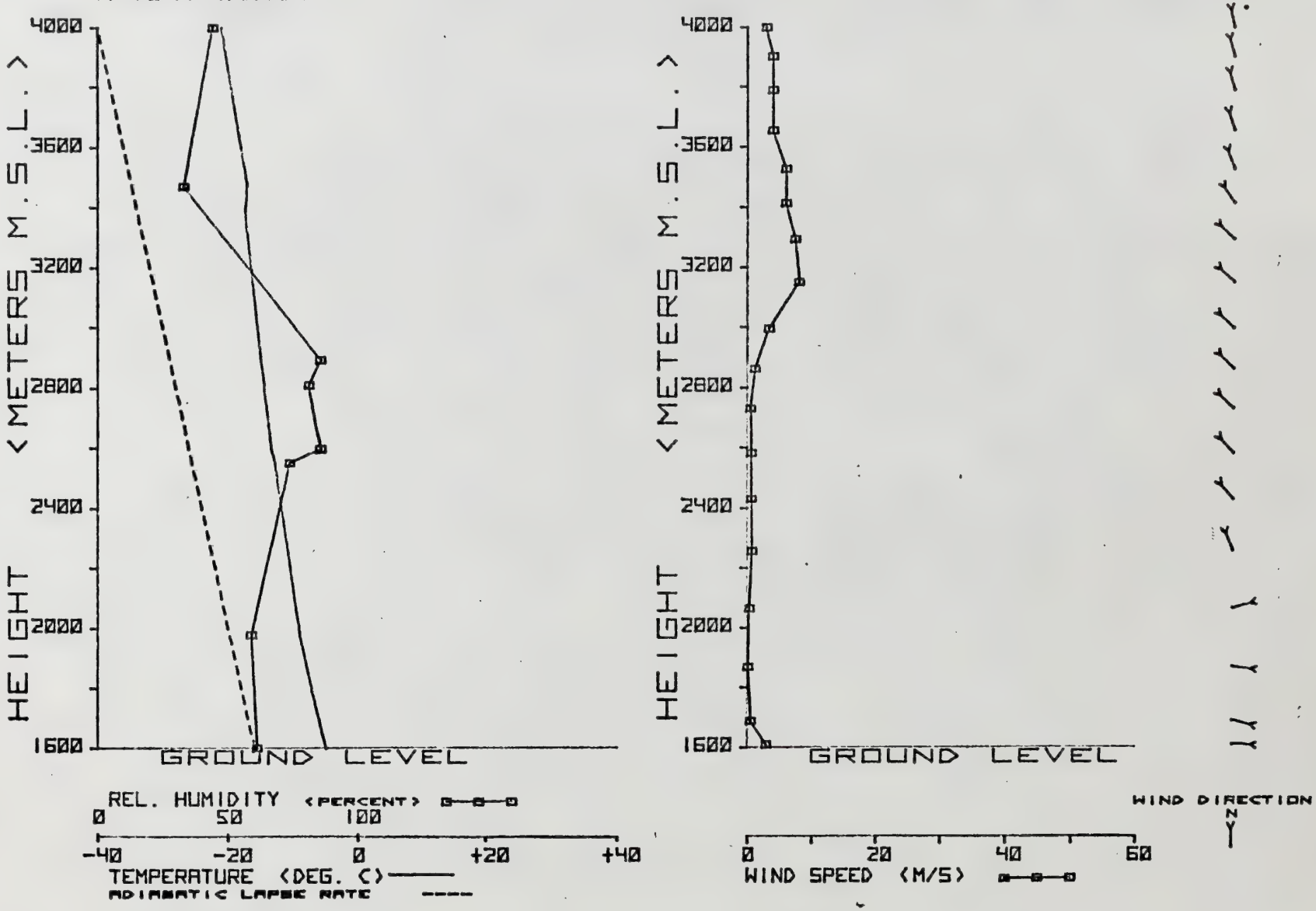
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 14 DEC 75 0700 MST AEROVIRONMENT INC.



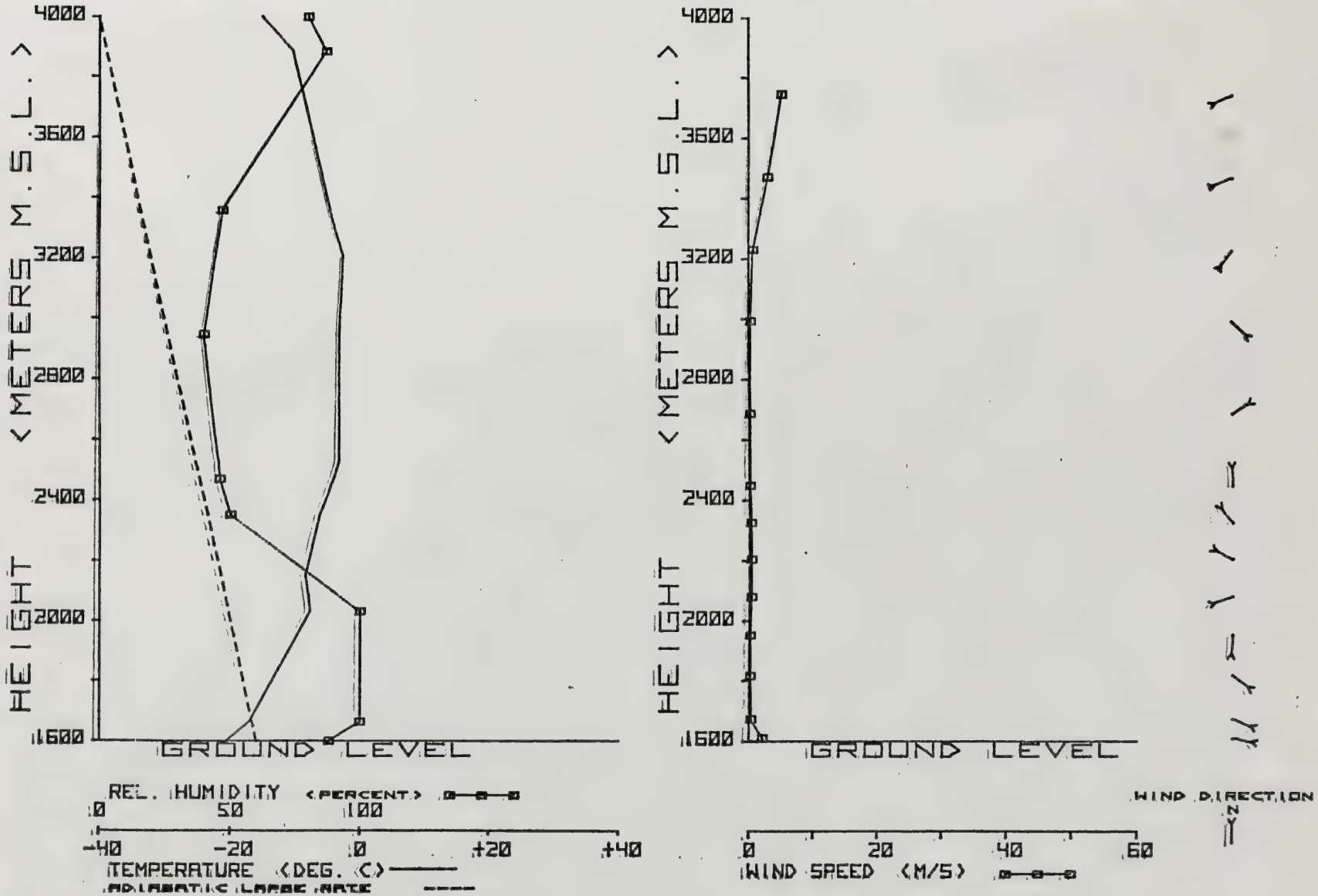
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 14 DEC 75 1404 MST AEROVIRONMENT INC.



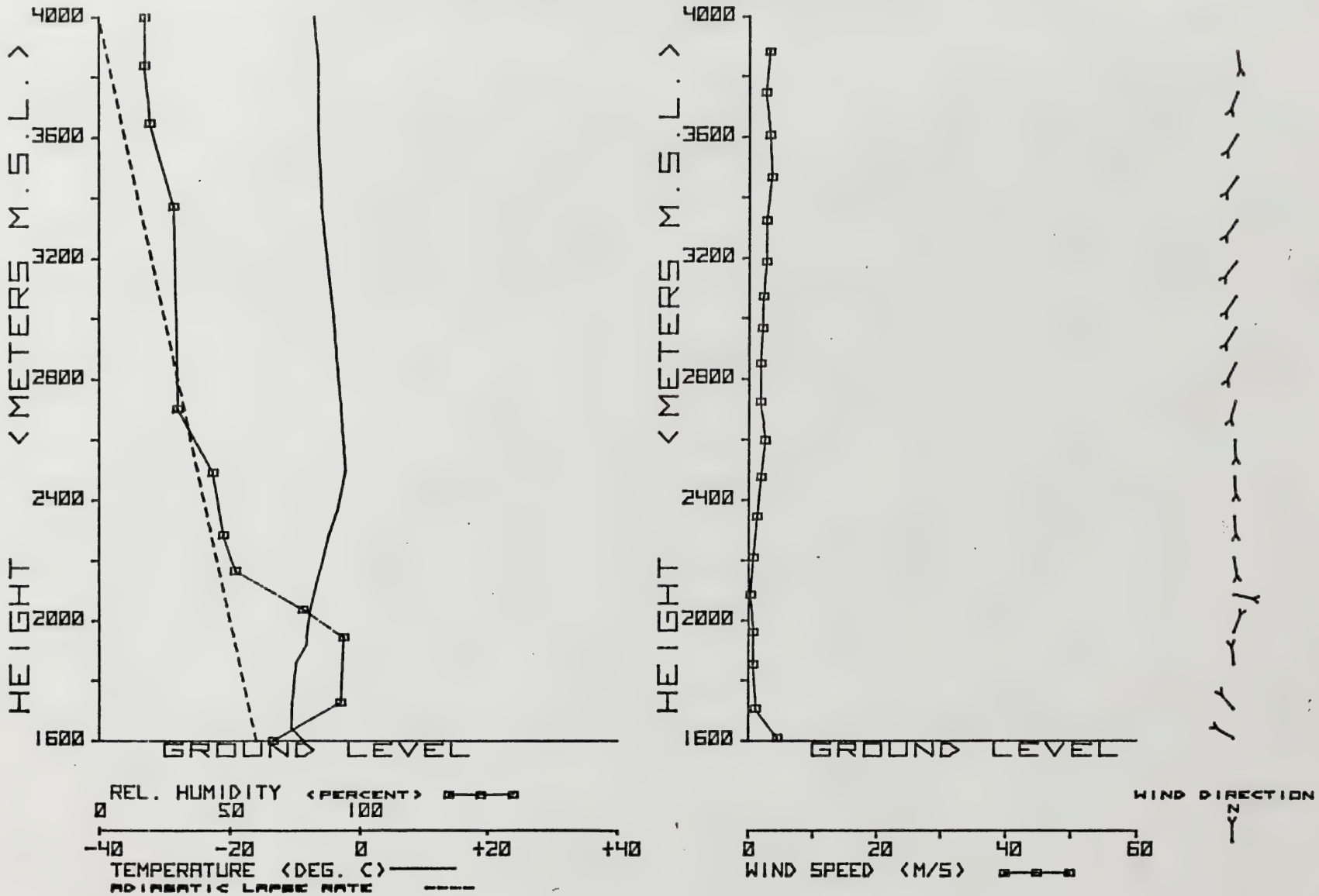
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 20 DEC 75 0715 MST AEROVIRONMENT INC.



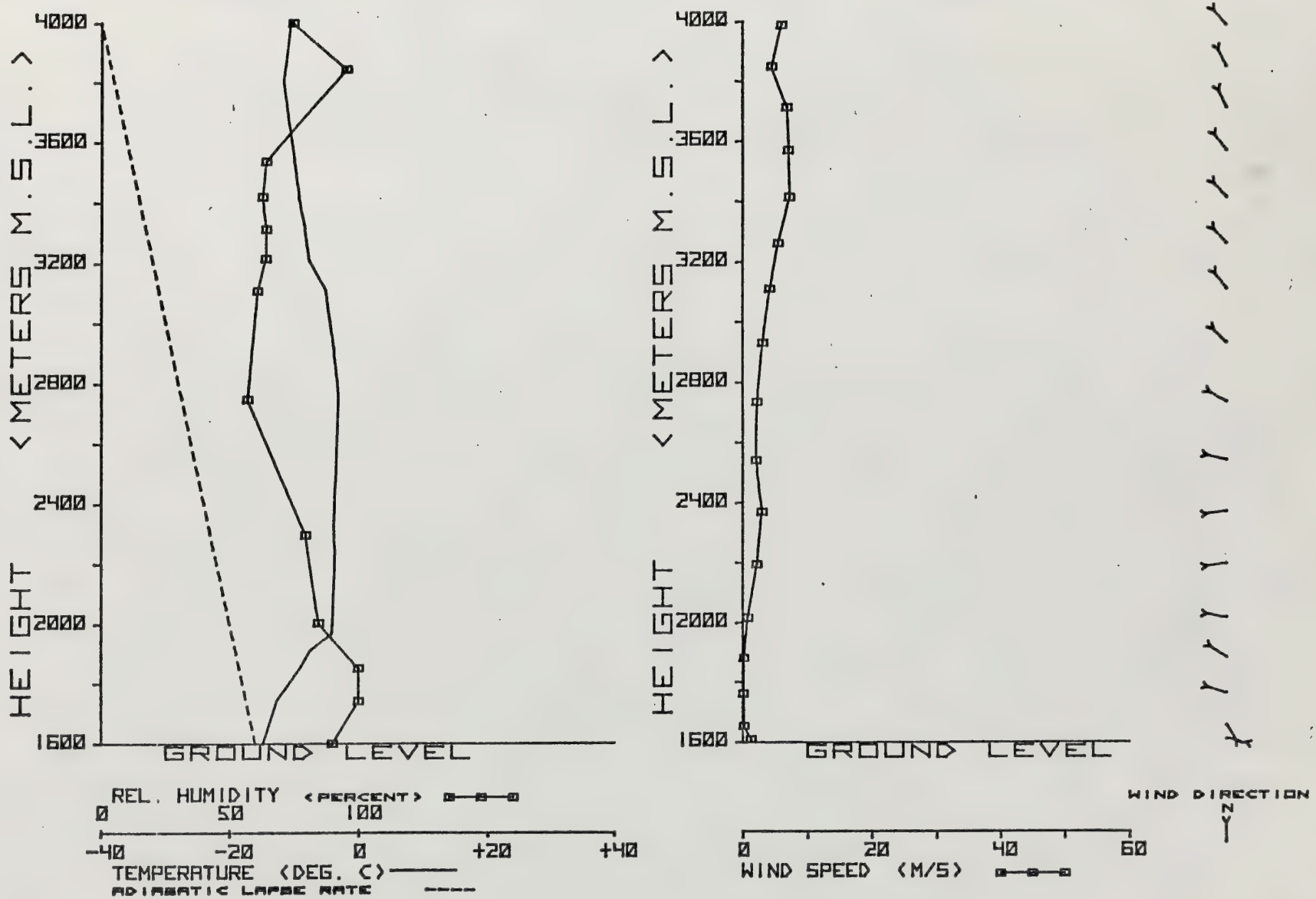
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 20 DEC 75 1416 MST AEROVIRONMENT INC.



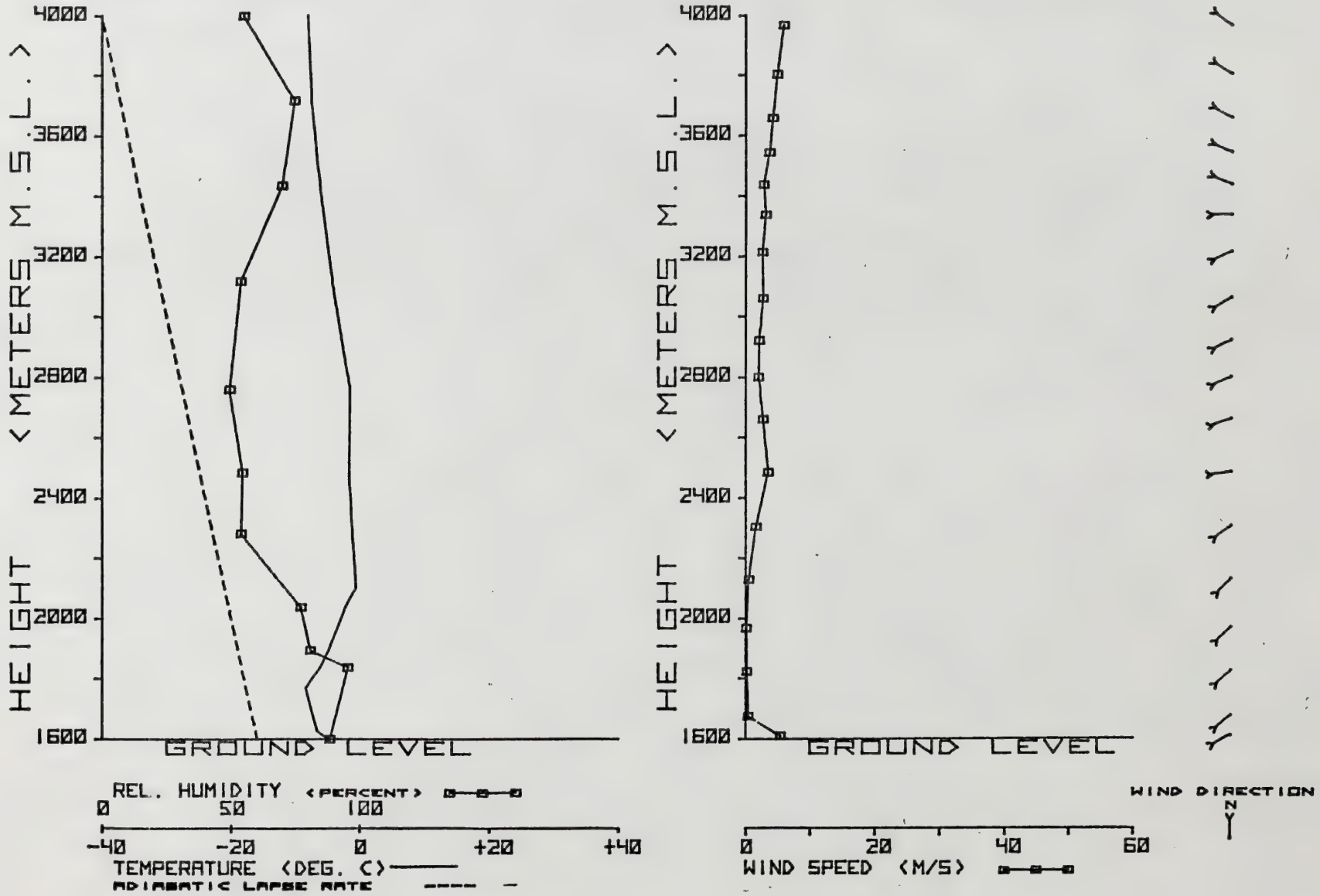
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 26 DEC 75 0710 MST AEROVIRONMENT INC.



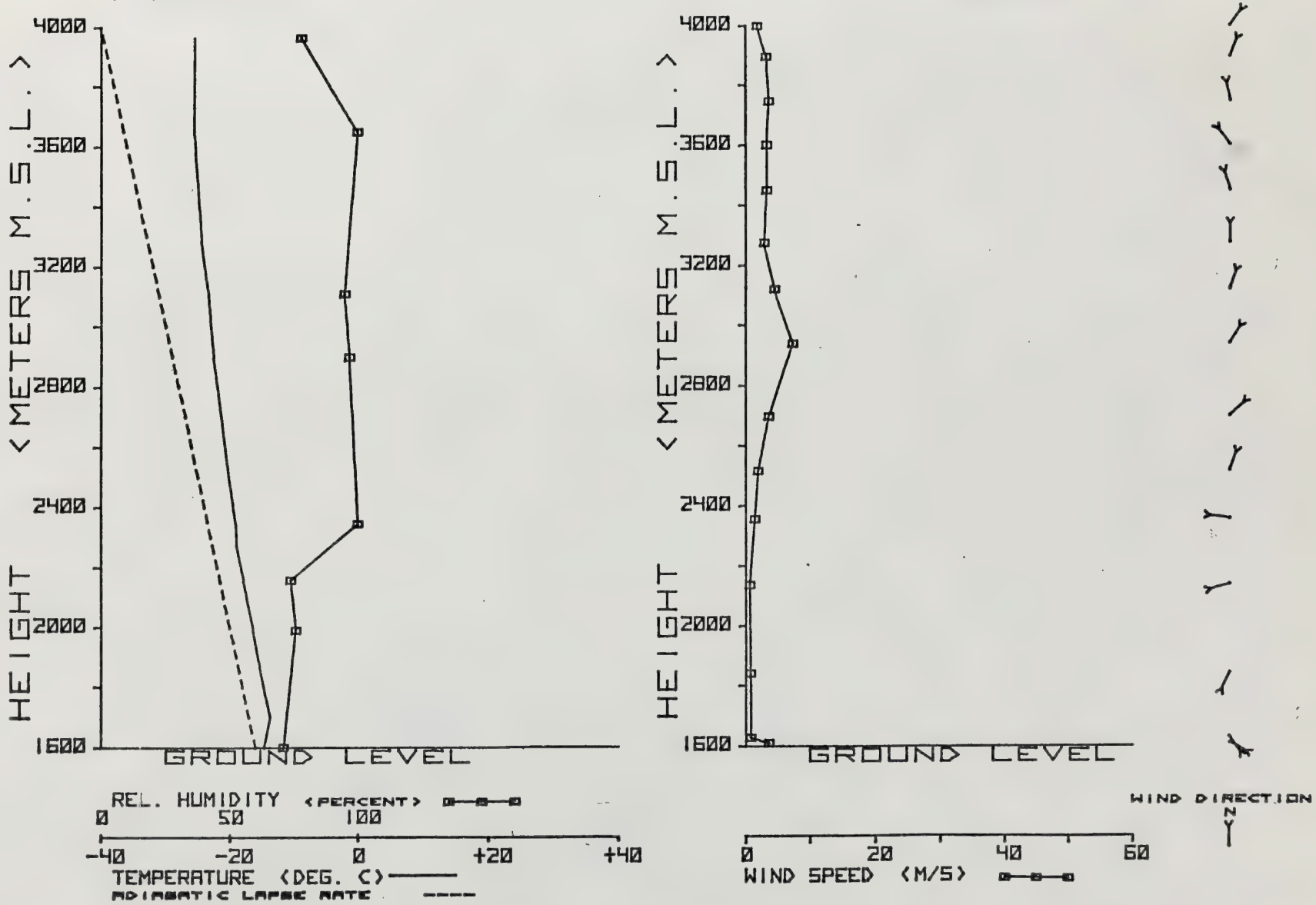
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 26 DEC 75 1358 MST AEROVIRONMENT INC.



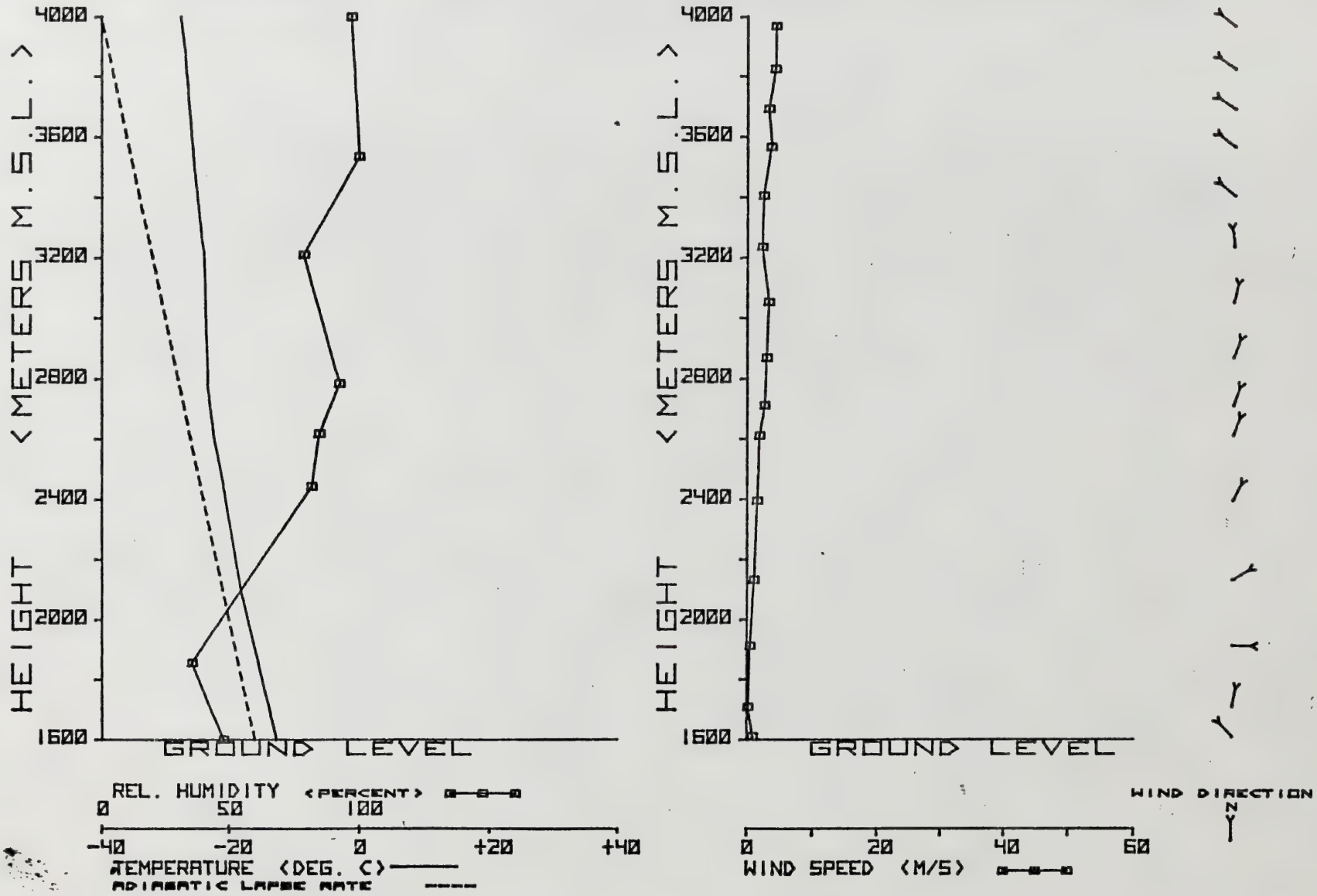
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 1 JAN 76 0704 MST AEROVIRONMENT INC.



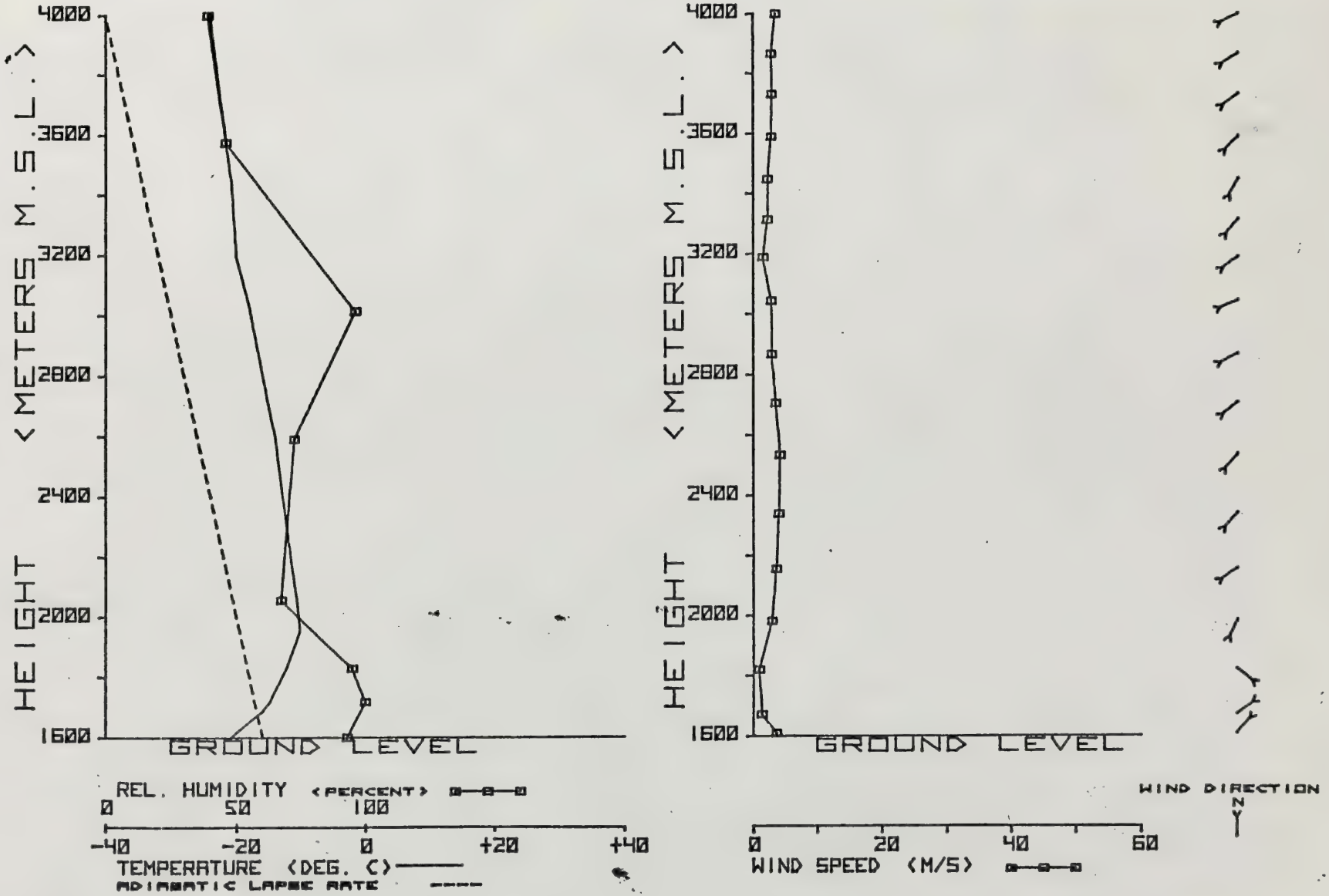
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 1 JAN 76 1345 MST AEROVIRONMENT INC.



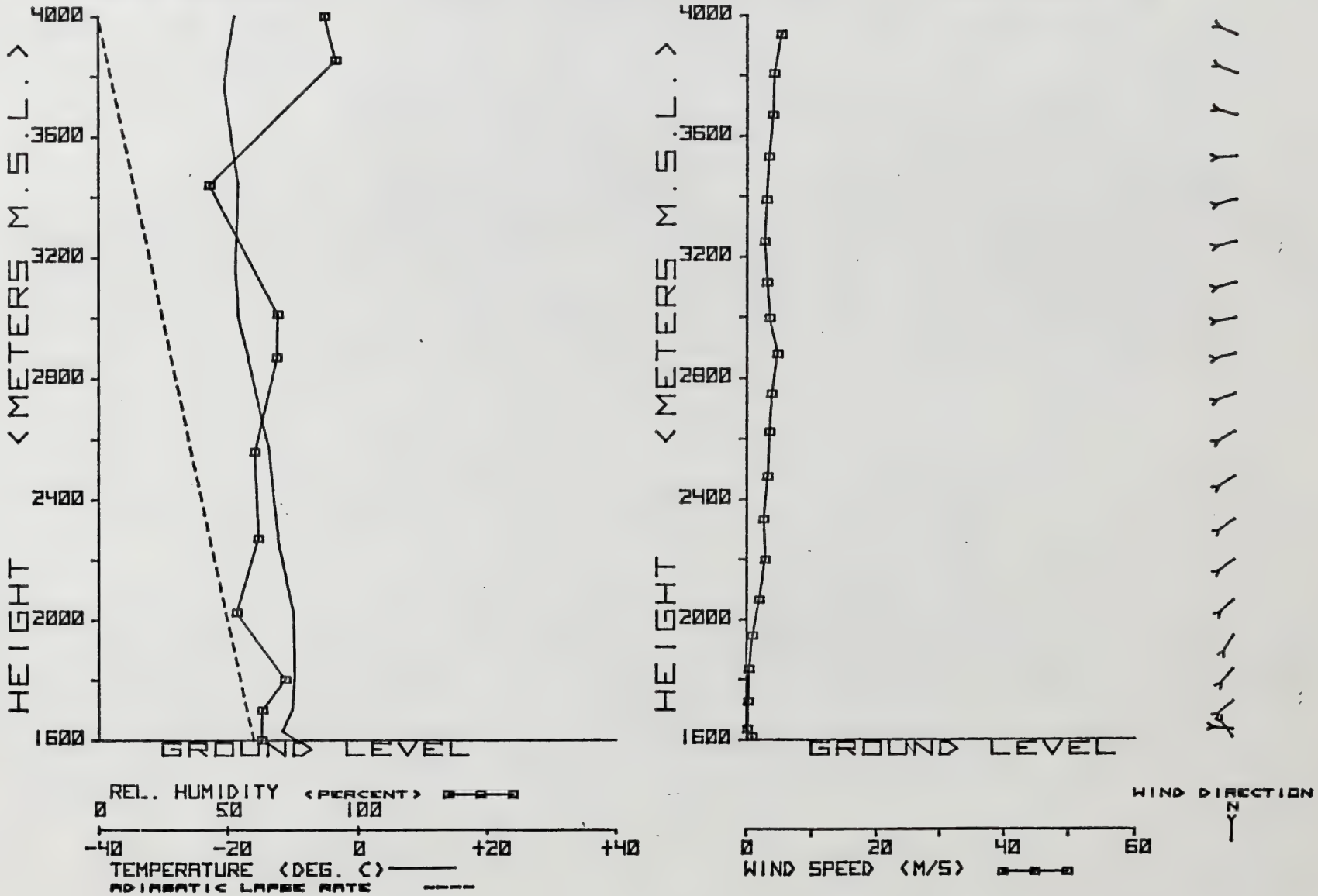
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 7 JAN 76 0712 MST AEROVIRONMENT INC.



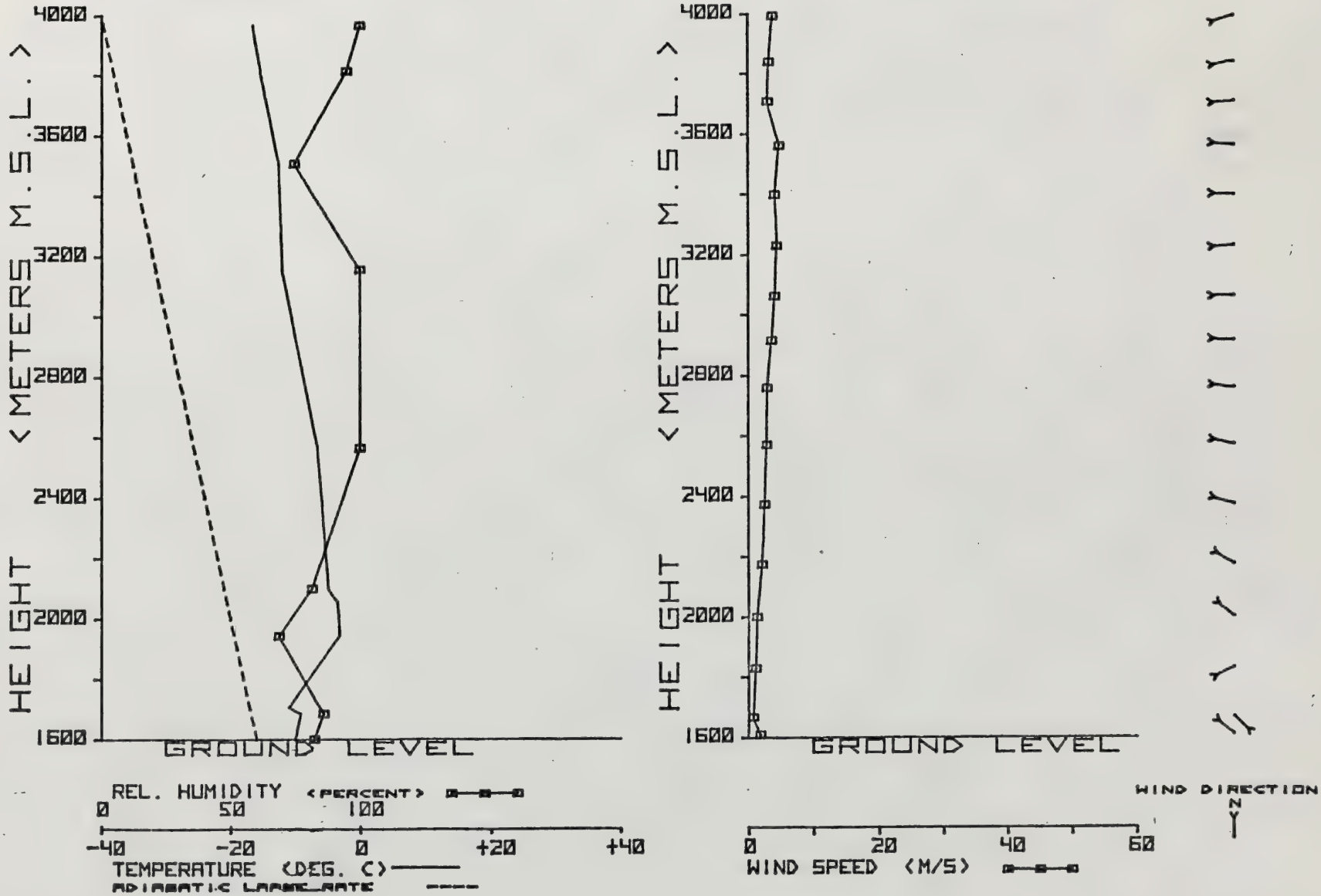
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 7 JAN 76 1353 MST AEROVIRONMENT INC.



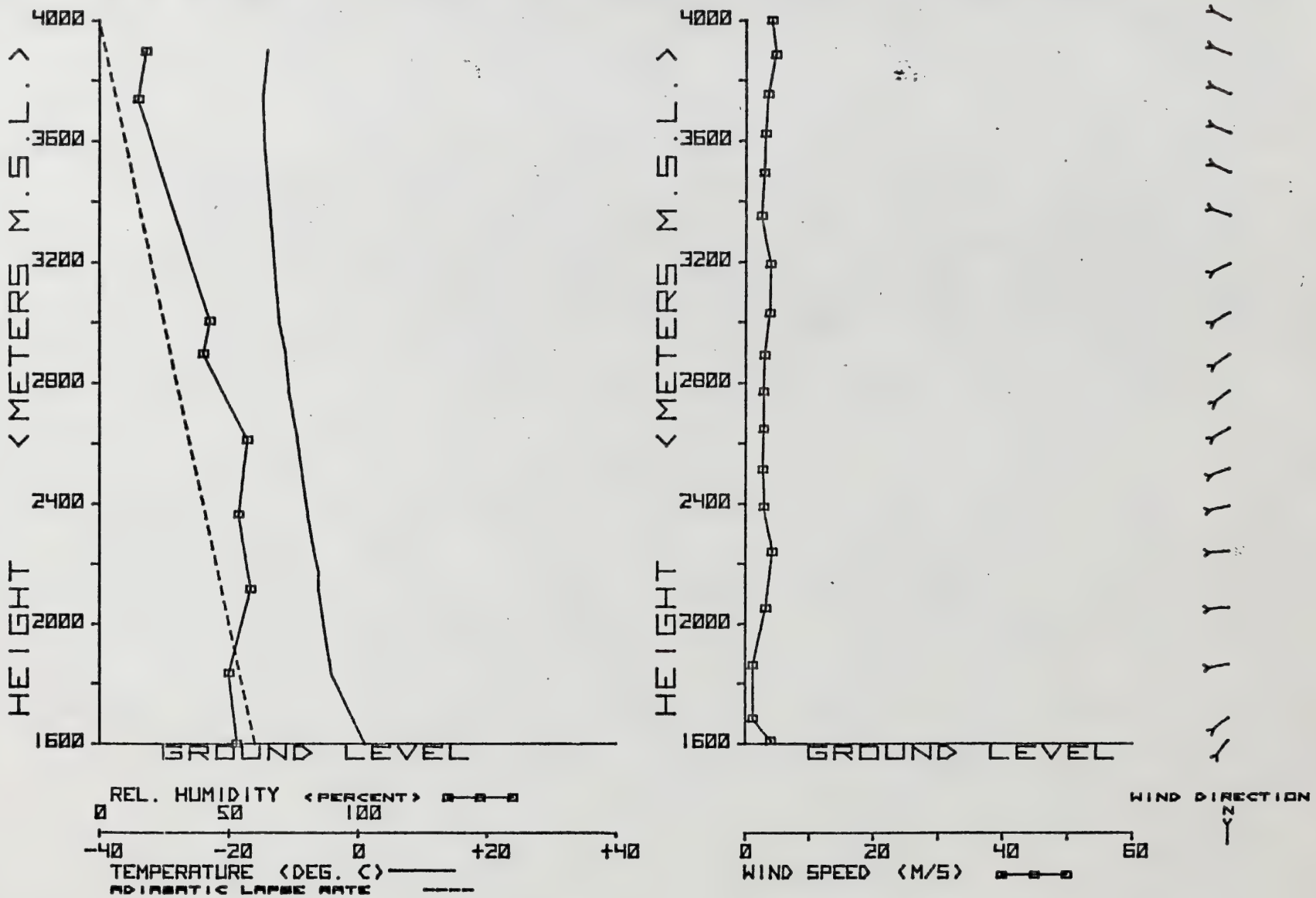
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 10 JAN 76 0707 MST AEROVIRONMENT INC.



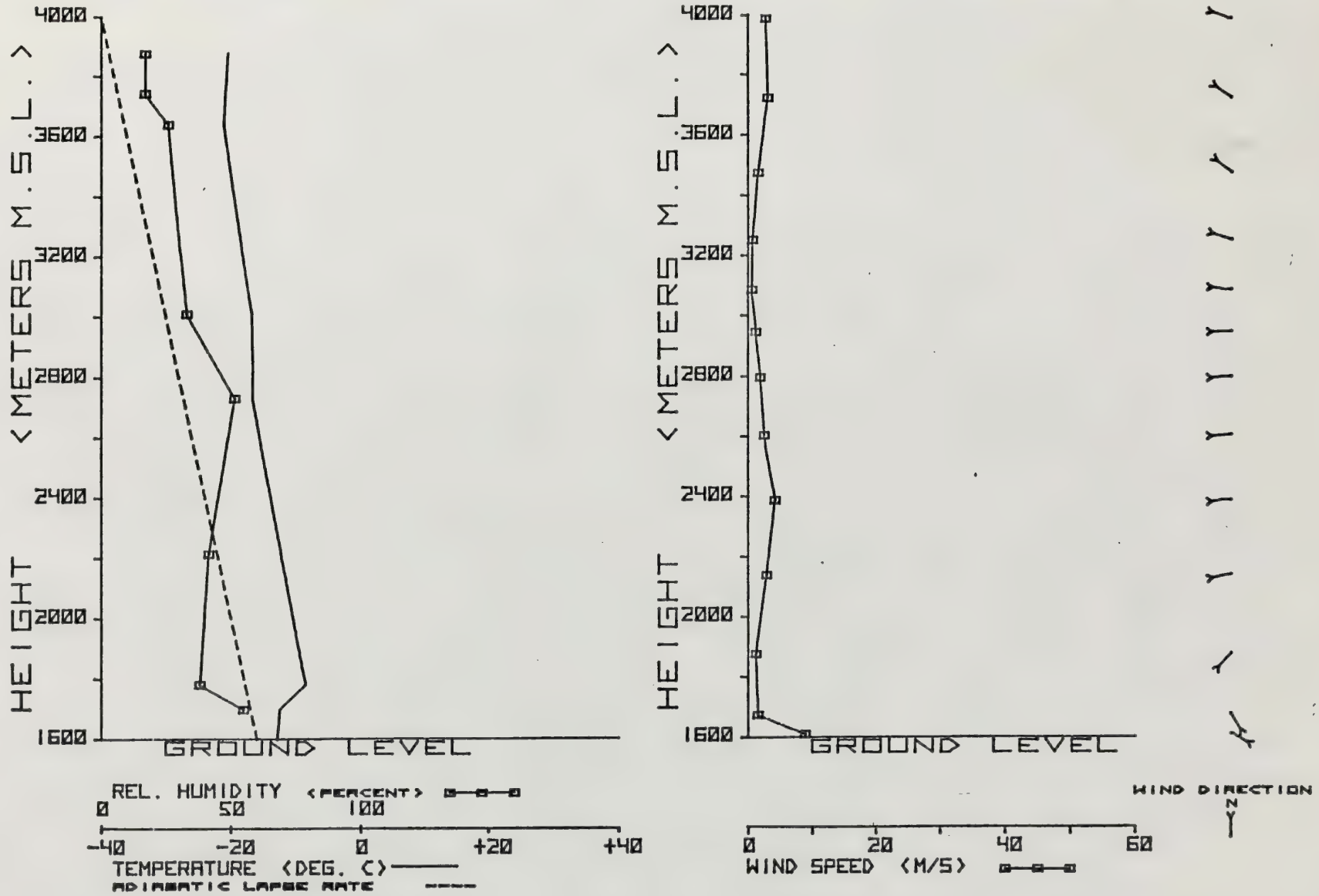
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 10 JAN 76 1353 MST AEROVIRONMENT INC.



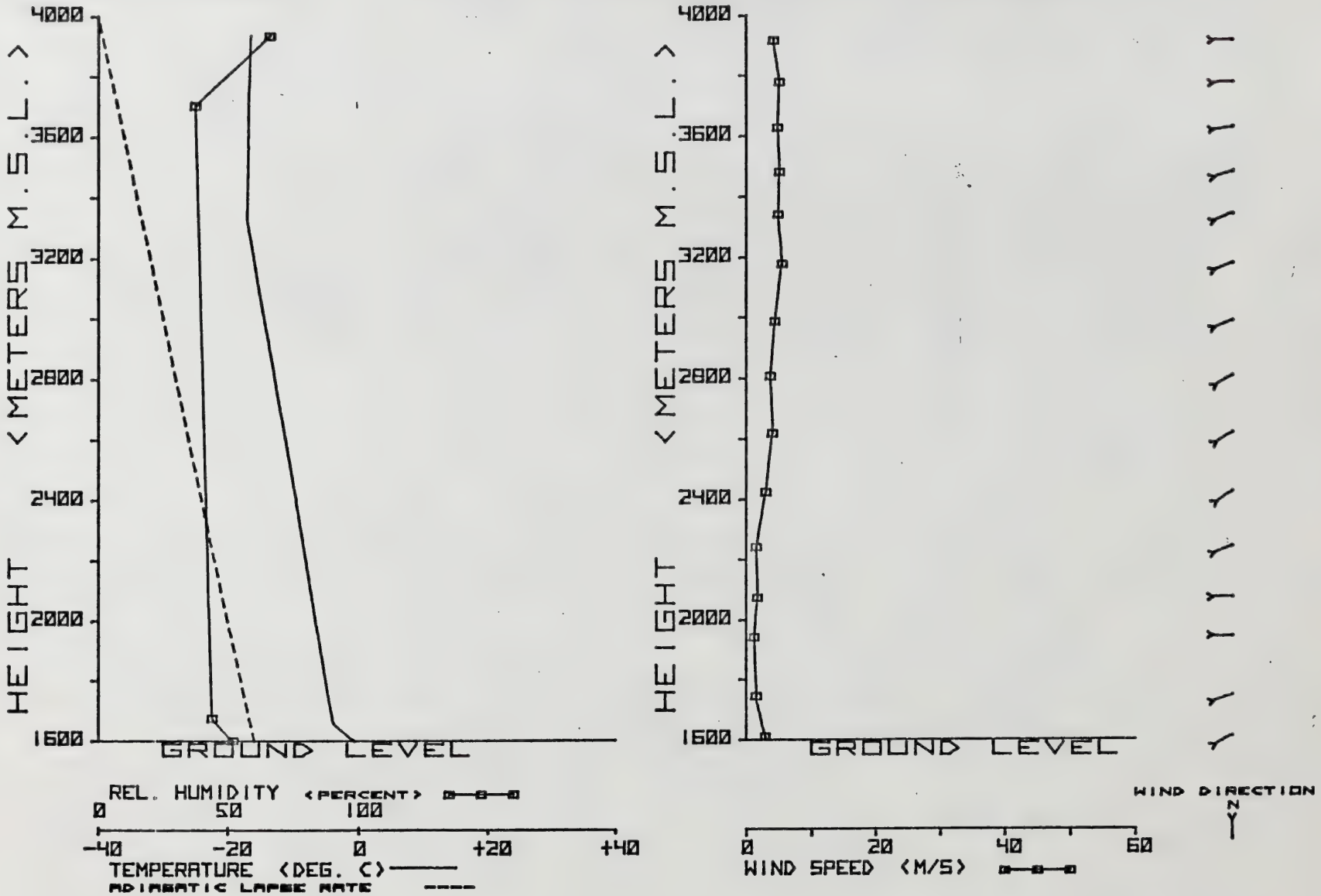
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 13 JAN 76 0703 MST AEROVIRONMENT INC.



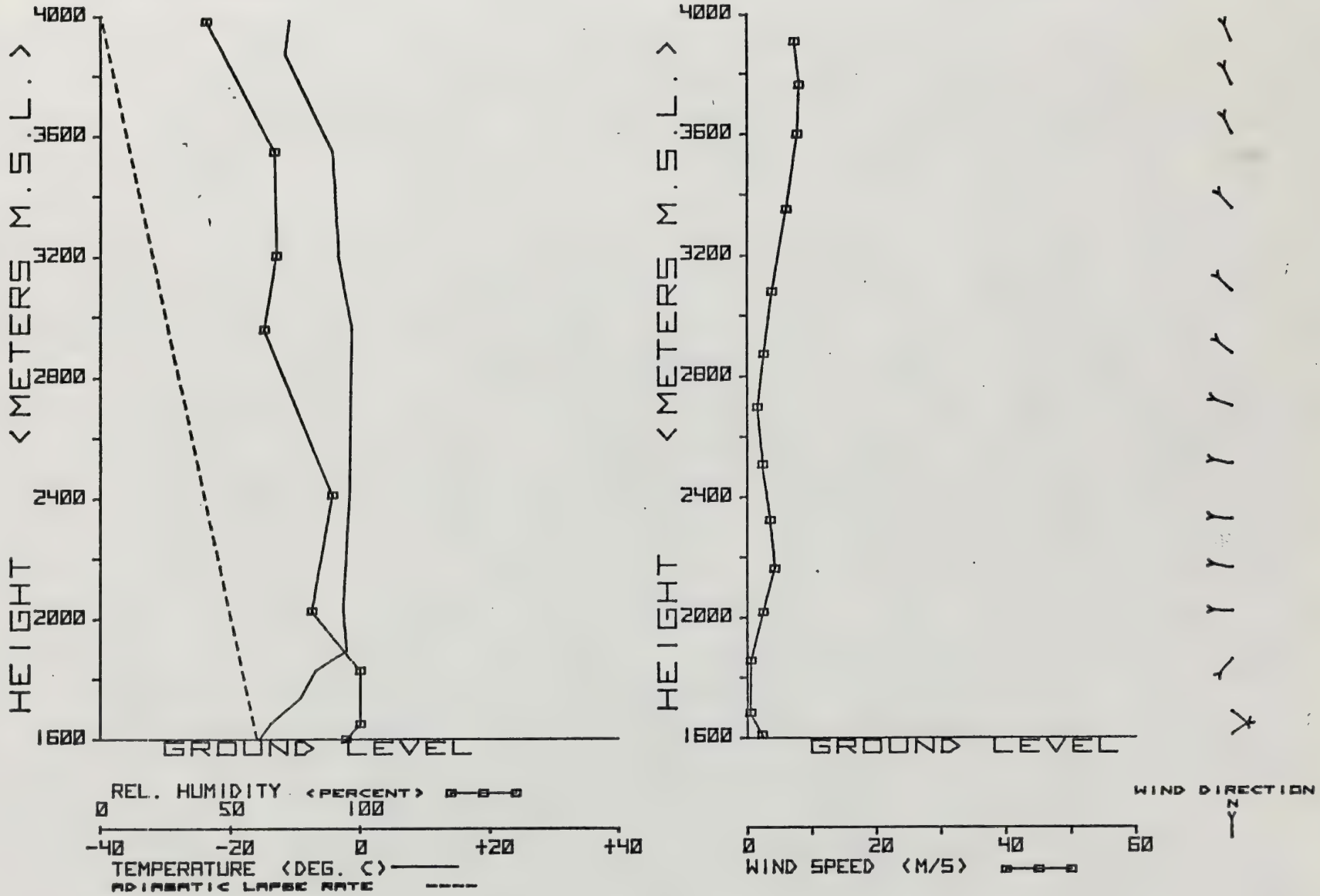
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 13 JAN 76 1356 MST AEROVIRONMENT INC.



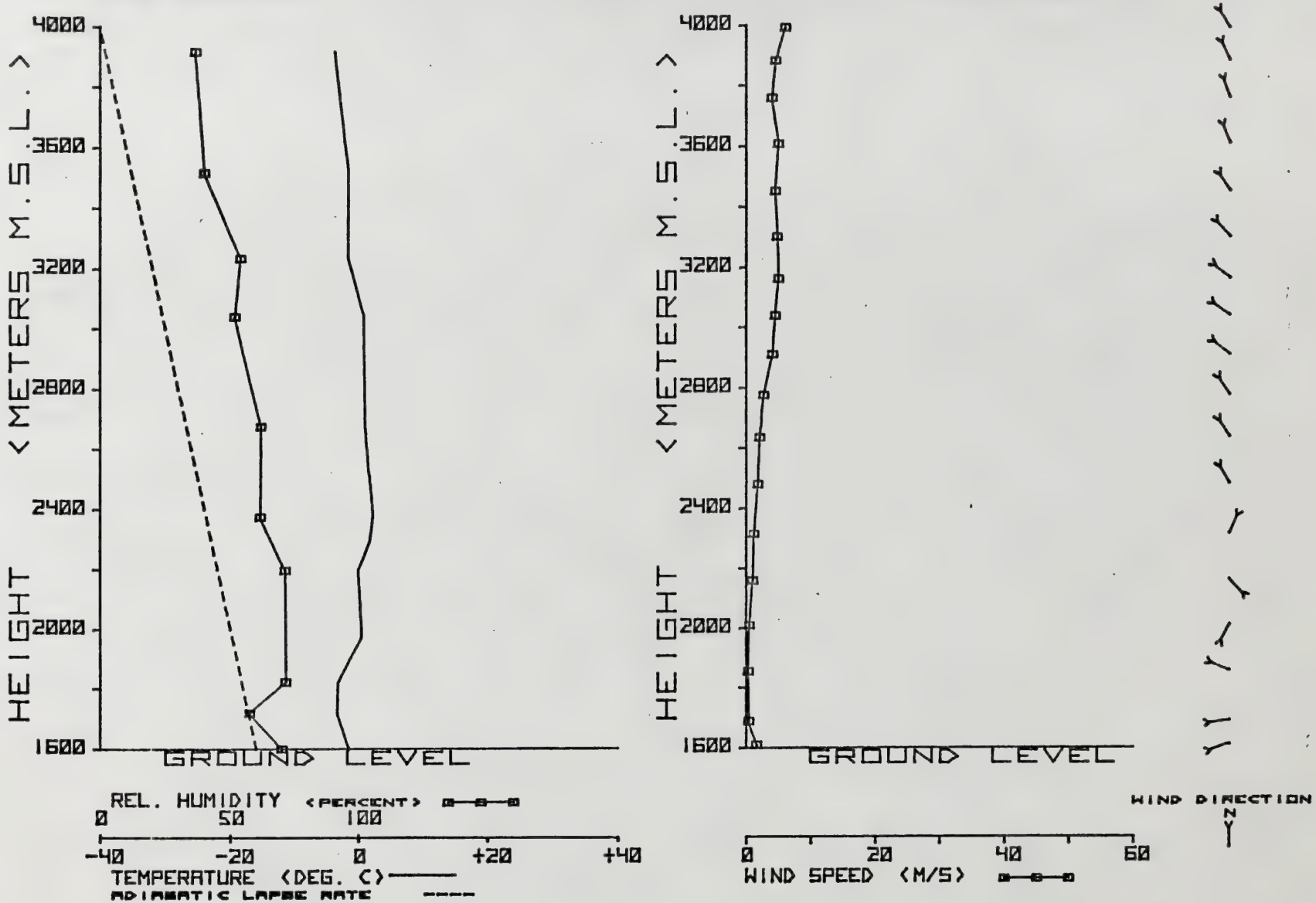
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 16 JAN 76 0723 MST AEROVIRONMENT INC.



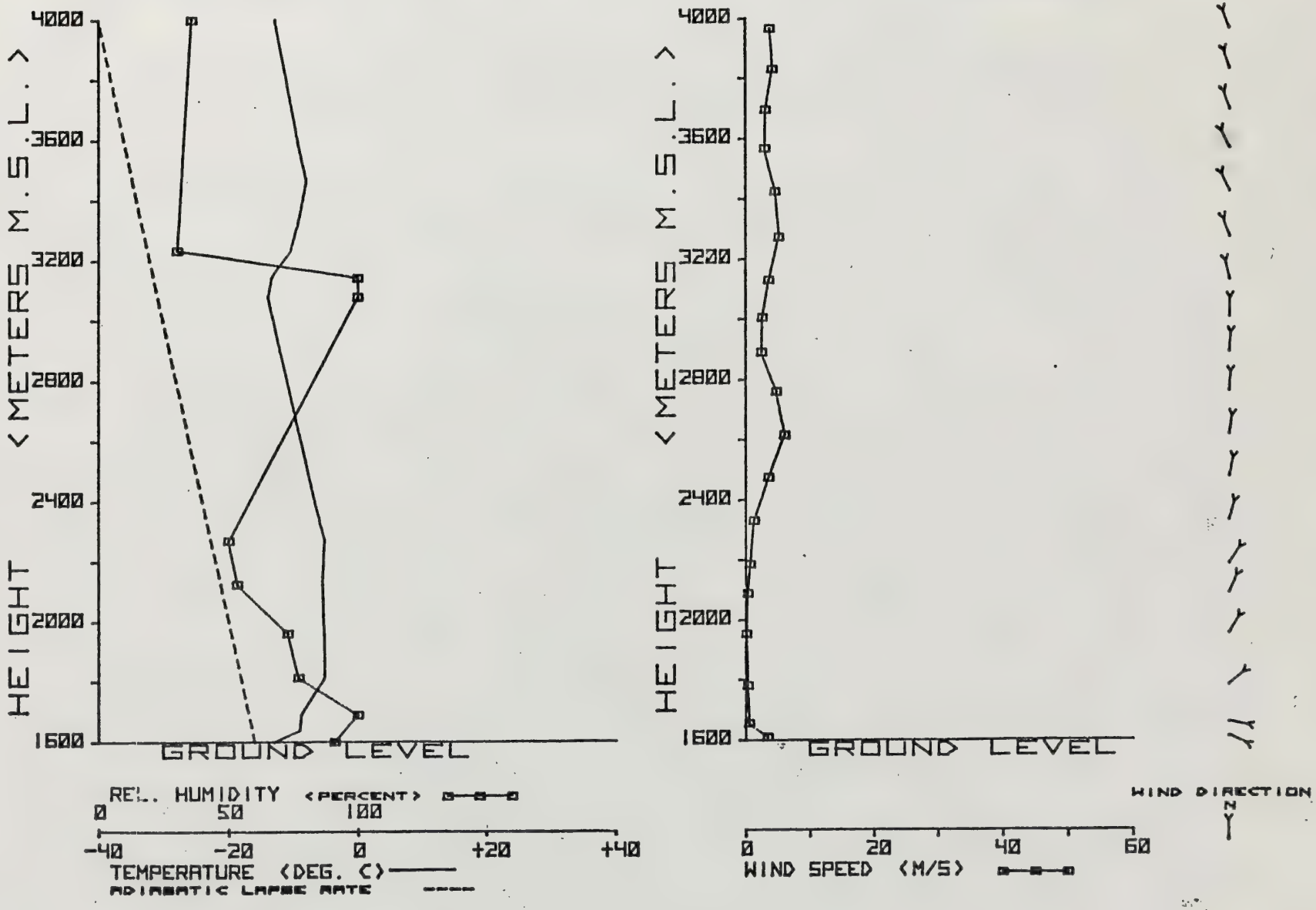
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 16 JAN 76 1357 MST AEROVIRONMENT INC.



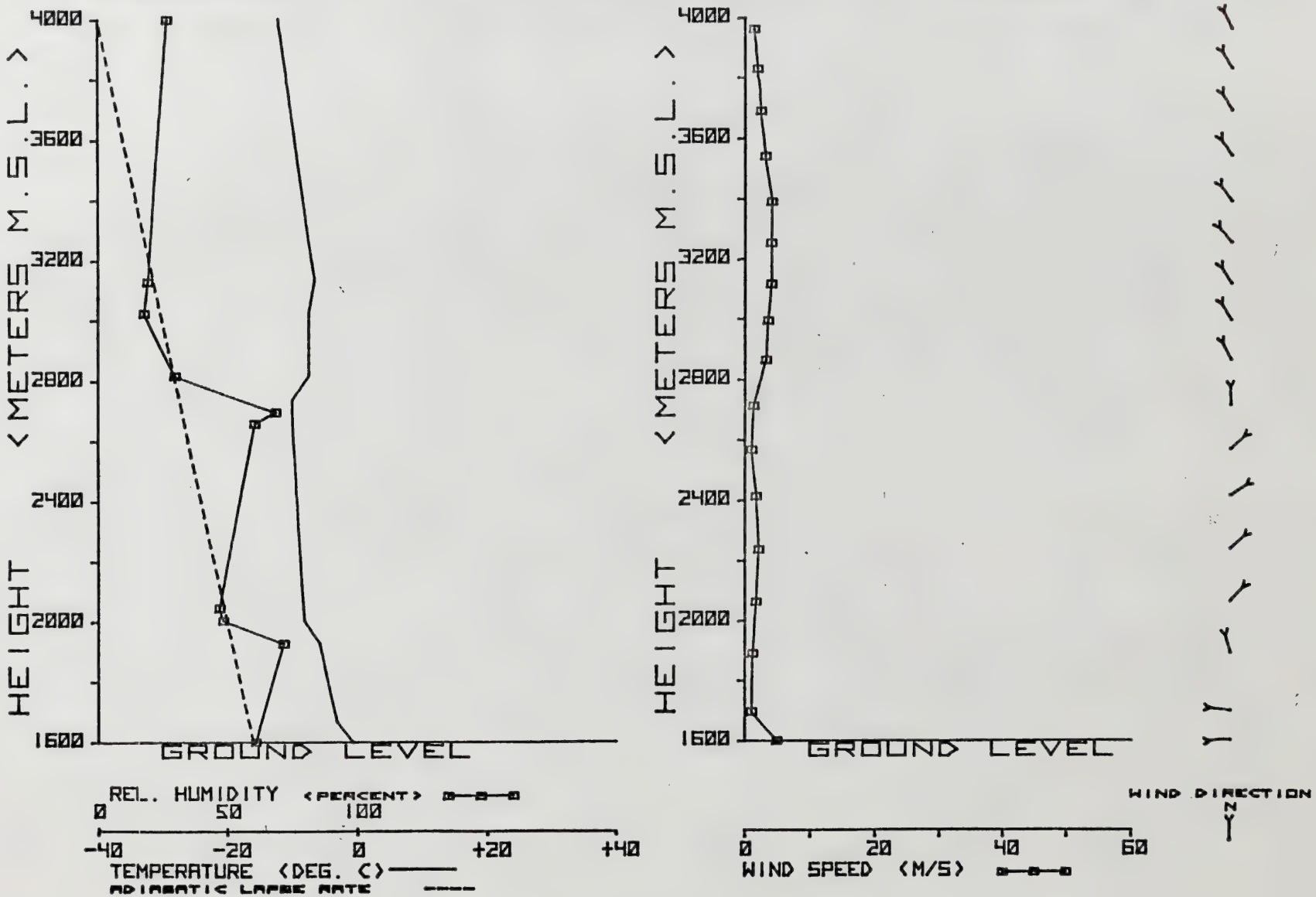
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 19 JAN 76 0713 MST AEROVIRONMENT INC.



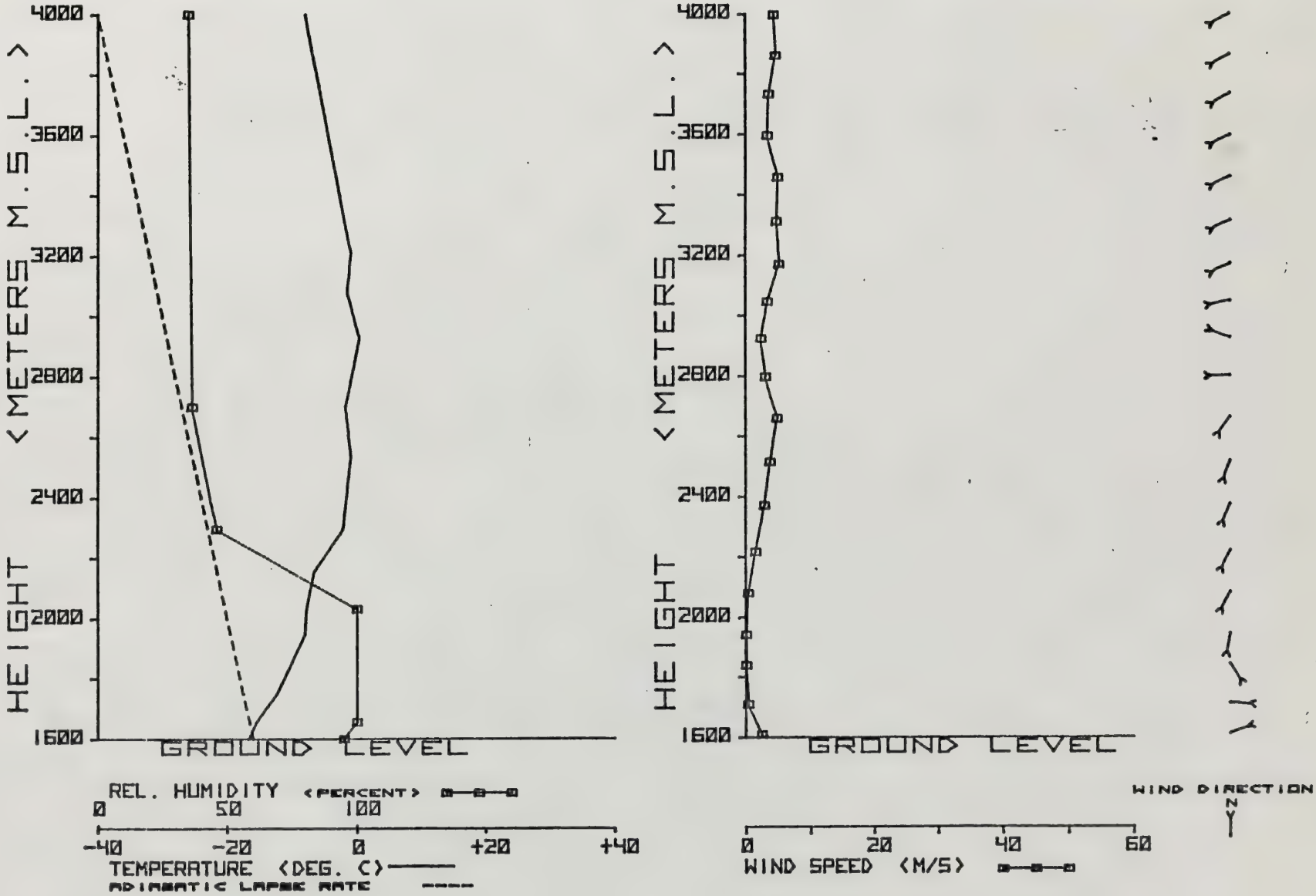
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 19 JAN 76 1338 MST AEROVIRONMENT INC.



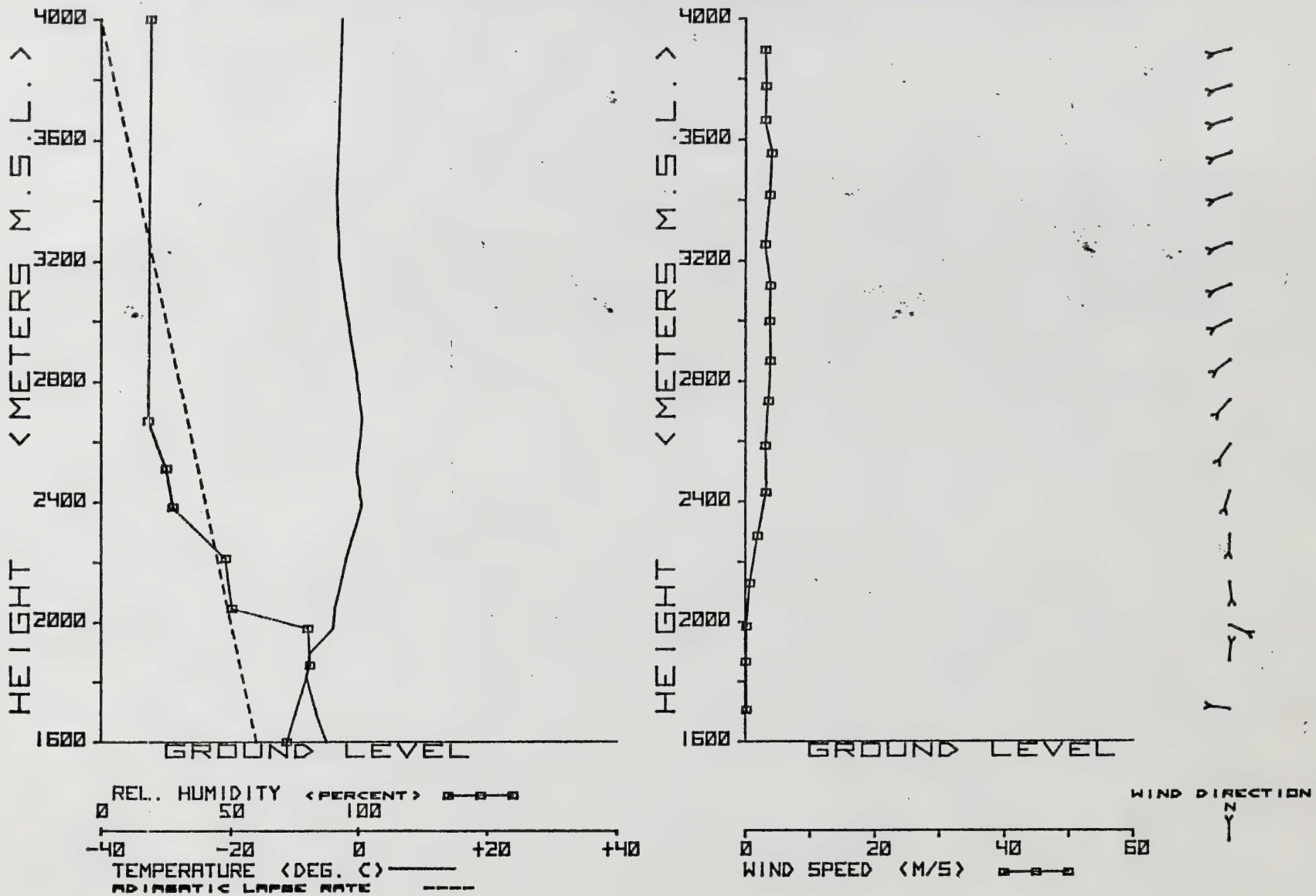
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 22 JAN 76 0724 MST AEROVIRONMENT INC.



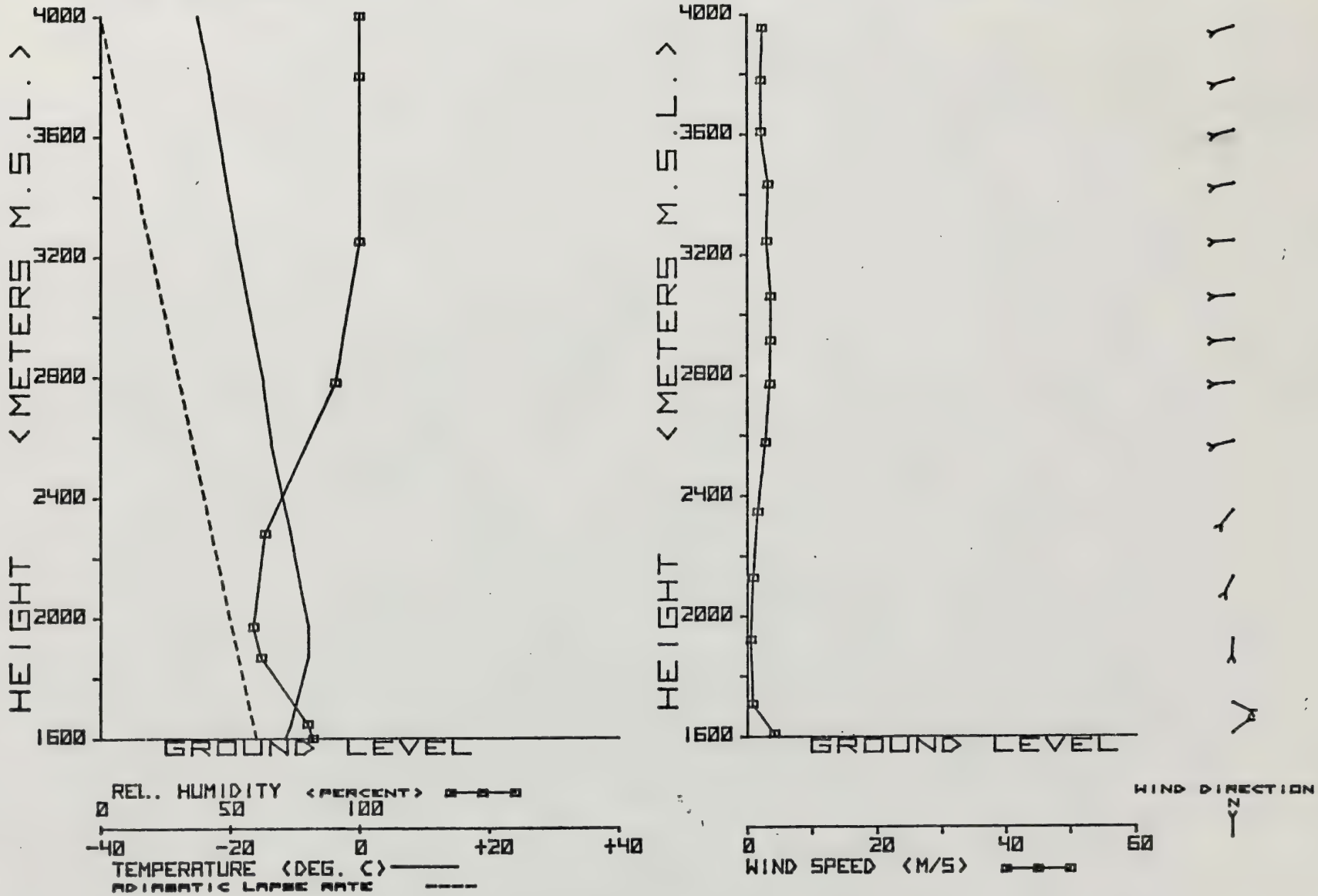
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 22 JAN 76 1357 MST AEROVIRONMENT INC.



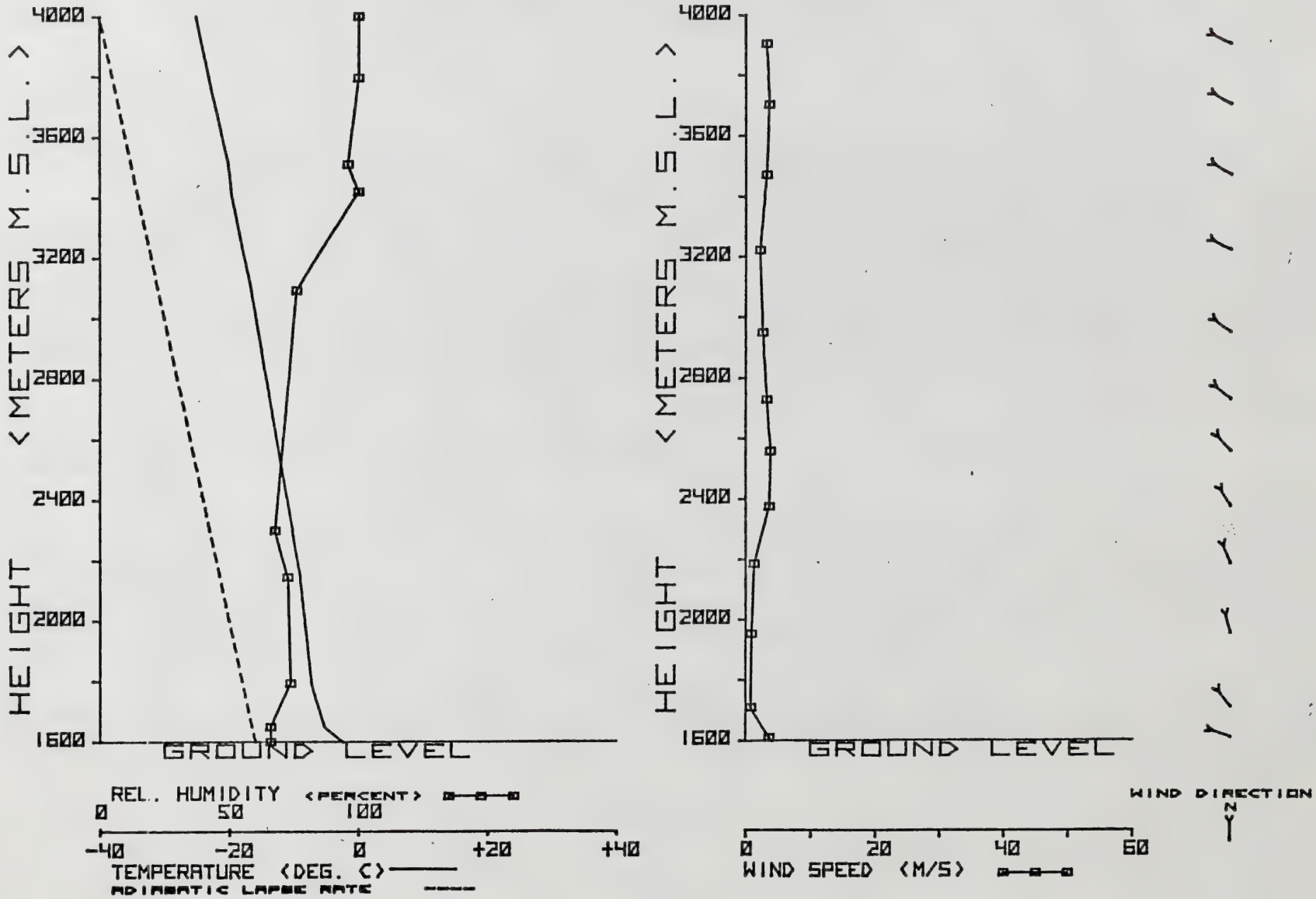
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 25 JAN 76 0715 MST AEROVIRONMENT INC.



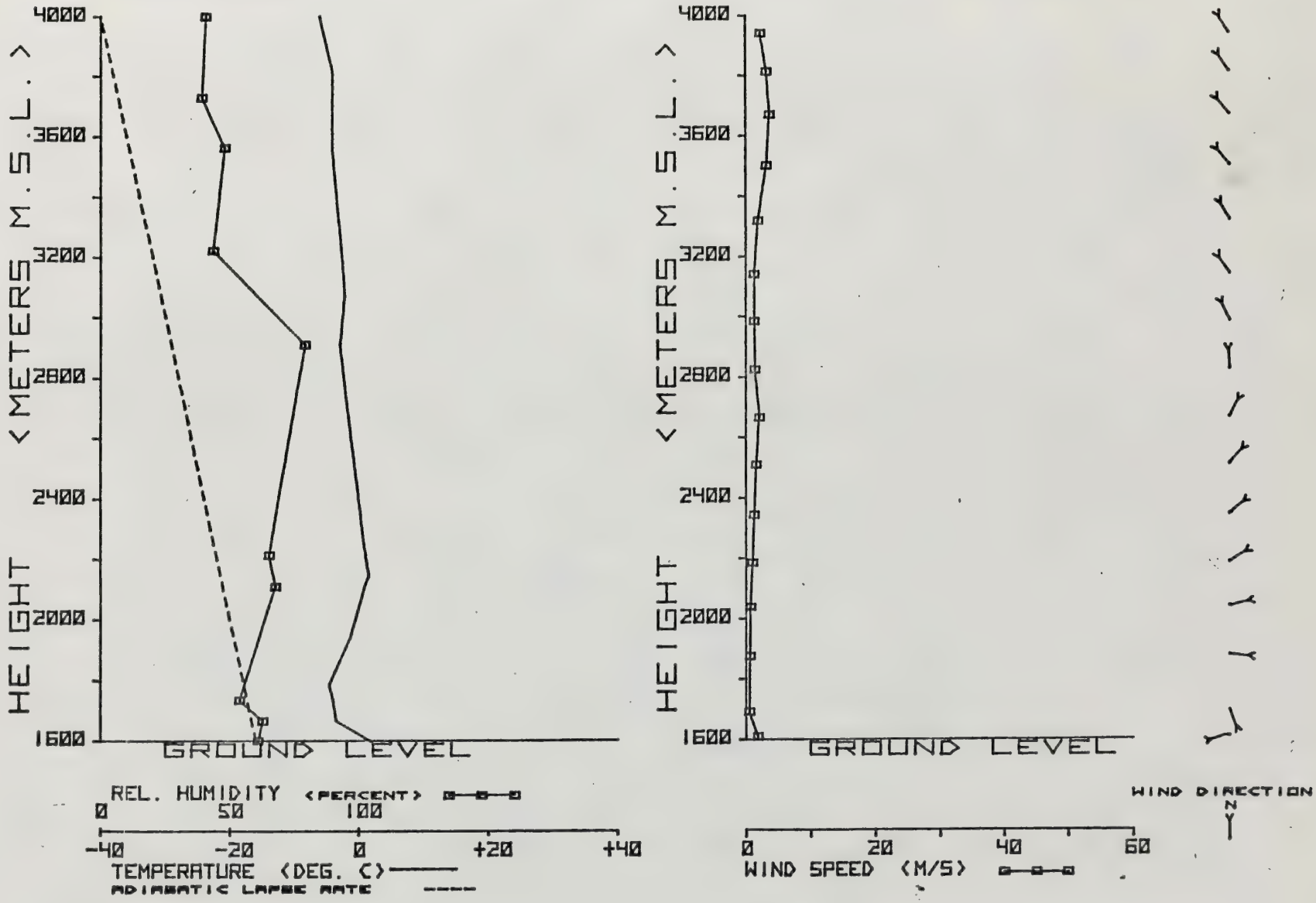
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 25 JAN 75 1347 MST AEROVIRONMENT INC.



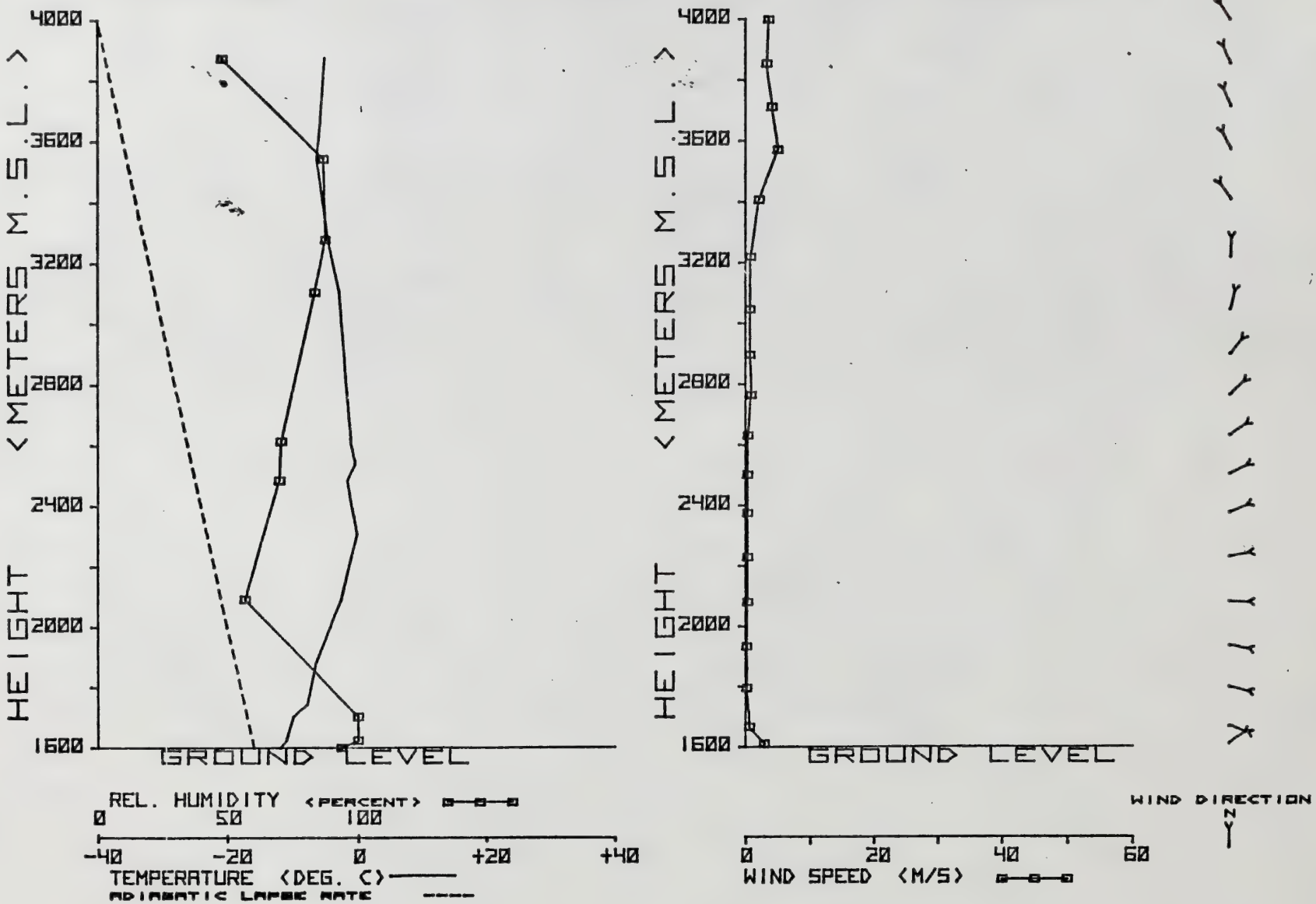
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 28 JAN 76 1400 MST AEROVIRONMENT INC.



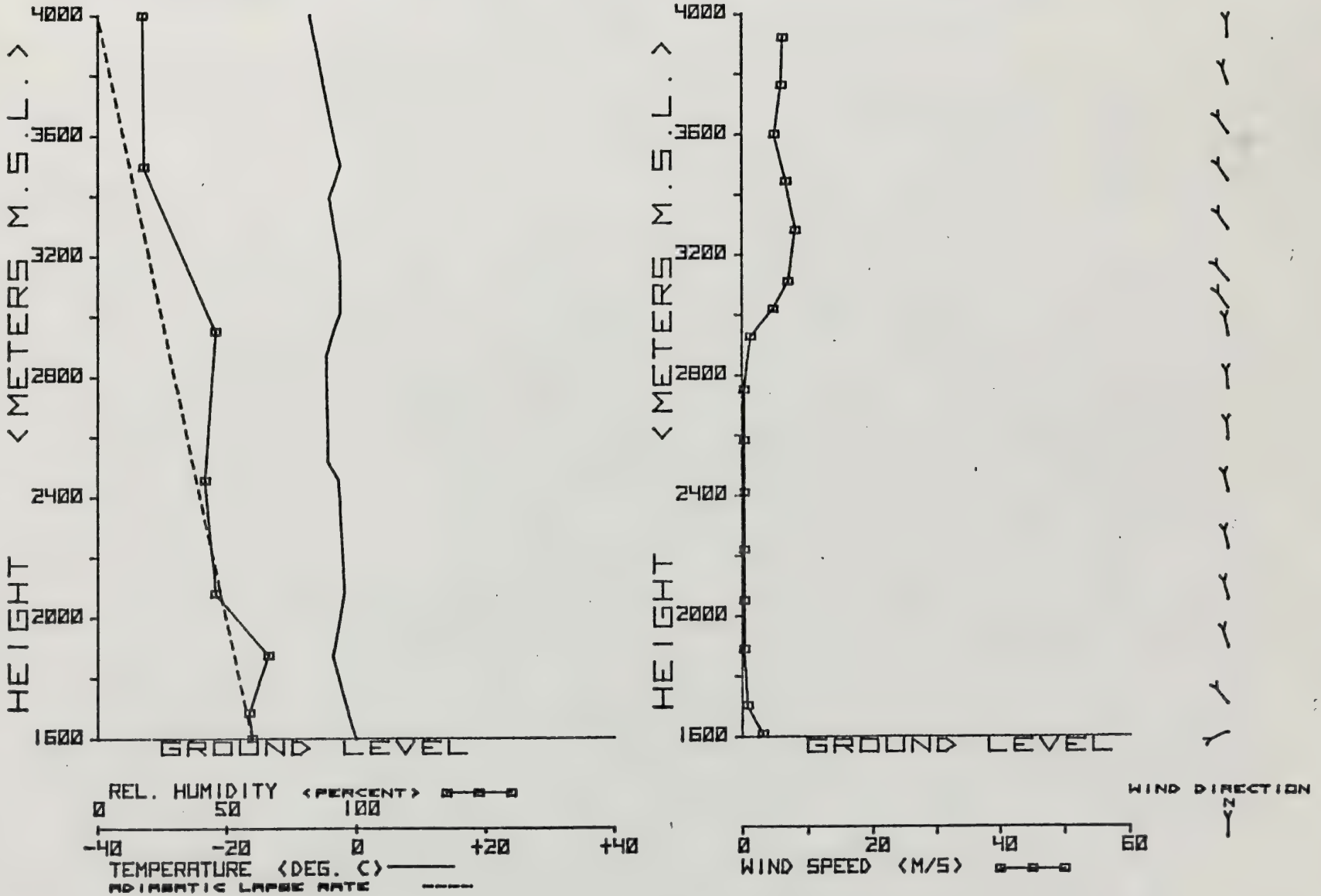
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 28 JAN 76 0710 MST AEROVIRONMENT INC.



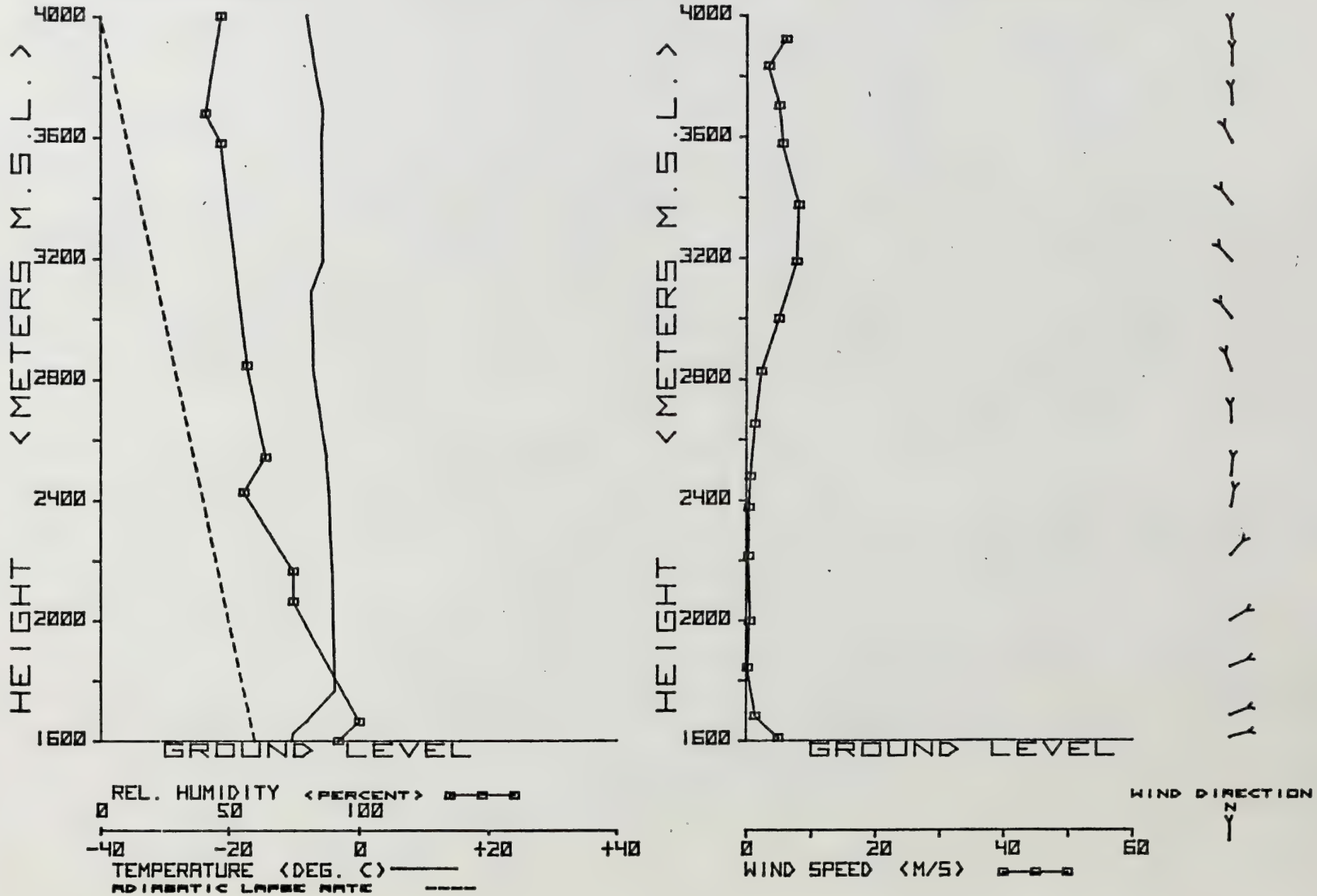
PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 31 JAN 76 1355 MST AEROVIRONMENT INC.



PRELIMINARY DATA
Subject to further revision.

UA-UB RAWINSONDE SITE A-6 31 JAN 76 0713 MST AEROVIRONMENT INC.



C. AIR QUALITY
1. SITE SPECIFIC

TAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
2	5	5	5	5	5	10	10	10	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10
3	0	5	5	5	5	5	10	10	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	10
4	5	0	5	5	5	10	10	10	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10
5	5	5	5	5	10	10	10	10	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10
6	0	0	5	5	5	5	10	10	10	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
11	0	0	0	0	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
12	0	0	5	5	5	5	10	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	10	10	10	0	15	15	15	15	15	15	10	5	0	0	0	0	0	0	0	0	0	0	0	10	5	15
17	0	0	0	0	0	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
18	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	5
19	[CA]	[CA]	[CA]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	20	10	5	5	5	5	5	5	5	5	5	20
20	5	5	10	10	10	15	15	15	15	10	5	5	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	10	15
21	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	5	5	5	5	5	5
22	10	10	15	15	15	20	20	20	20	15	10	5	5	0	0	0	0	0	0	0	0	5	[IM]	[IM]	10	20
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	3	3	4	4	5	6	6	6	6	5	3	2	1	0	4	2	1	1	1	1	2	2	2	3	3	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

SUBJECT TO REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	15	5	5	0	0	0	0	0	5	5	5	5	5	10	5	15
7	10	10	10	10	15	10	15	15	15	15	15	10	5	5	5	5	5	5	5	5	10	10	10	10	10	15
8	10	15	15	15	15	15	15	15	15	15	15	10	10	5	5	5	5	5	10	10	10	10	10	10	10	15
9	10	10	10	15	15	15	15	15	15	5	5	15	10	10	10	10	10	10	10	10	10	10	10	15	10	15
10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	10	10	10	10	10	10	10	10	10	10	15	15
11	10	10	15	15	10	15	15	15	15	15	10	15	10	10	10	10	10	10	10	10	10	10	10	15	10	15
12	15	15	15	15	10	10	10	15	15	15	10	10	10	10	10	5	5	10	10	10	10	10	10	10	10	15
13	10	15	15	15	15	15	15	15	15	15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15
14	10	10	10	10	15	15	15	15	15	15	15	10	10	5	5	5	5	10	15	15	20	20	20	25	15	25
15	25	20	15	15	20	20	20	20	20	20	10	10	15	15	15	10	15	15	20	20	25	25	20	15	20	25
16	15	20	15	20	15	15	15	15	15	10	15	15	15	10	5	5	5	10	10	15	15	15	15	20	15	20
17	20	20	20	20	20	20	20	20	20	20	15	15	10	5	5	5	5	10	10	15	15	15	15	15	15	20
18	20	20	20	20	20	25	25	25	25	20	20	20	15	10	10	10	10	15	15	20	20	25	25	25	20	25
19	25	30	55	40	25	20	20	20	20	30	25	25	20	20	15	15	15	15	20	20	20	25	25	25	25	55
20	30	50	25	25	25	25	25	25	25	25	25	20	15	15	15	15	15	15	20	20	25	25	25	25	25	50
21	25	25	25	25	25	25	25	20	20	20	15	20	20	15	15	10	10	10	15	15	20	20	20	20	20	25
22	20	20	20	25	25	25	25	25	25	25	20	15	15	5	5	0	5	5	10	10	15	15	20	20	15	25
23	20	20	20	25	25	25	25	25	20	20	20	15	15	10	10	5	5	10	10	15	15	15	20	20	15	25
24	20	20	20	25	25	25	25	25	25	25	20	20	15	10	10	10	10	10	10	15	10	15	15	15	20	25
25	15	15	20	20	15	15	15	15	20	20	15	10	10	10	5	5	5	5	10	15	15	15	15	15	15	20
26	15	15	15	15	15	20	20	20	20	20	20	15	10	5	5	5	5	5	5	10	10	5	5	10	10	20
27	10	10	10	15	15	15	15	15	15	15	15	10	5	0	0	0	0	5	5	5	10	10	10	15	10	15
28	15	15	20	20	20	20	20	25	25	20	20	15	10	5	0	0	0	5	5	10	15	15	15	20	15	25
29	20	20	20	20	25	25	25	25	25	25	20	20	15	10	5	5	5	5	10	10	15	15	15	15	15	25
30	20	20	20	20	20	20	20	20	25	25	20	20	10	5	0	0	5	5	5	5	5	10	10	10	15	25
31	10	5	10	10	10	10	10	10	15	15	10	10	5	5	5	0	0	5	5	5	5	5	10	10	10	15
AV	15	20	20	20	20	20	20	20	20	20	15	15	10	10	5	5	5	10	10	10	15	15	15	15	15 [ ]	
SD	6	8	9	6	5	5	5	5	4	6	5	5	4	5	5	4	4	4	5	5	6	6	6	5	4 [ ]	

TAL SULFUR
(MICROGRAMS/CU METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE # 1

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PERK
1	10	10	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	10	10
2	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	20	20	20	20	10	10	10	10	10	20	20	25	20	20	15	25
3	[illegible]	[illegible]	10	20	20	15	25	15	30	25	22	27	20	10	10	10	15	15	20	20	20	20	15	[IM]	20	30
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[illegible]	[illegible]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[ ]	[ ]
26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[ ]	[ ]
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[ ]	[ ]
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[ ]	[ ]
29	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
30	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	5	0	0	10	0	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	10
33	10	10	10	10	10	10	10	10	10	10	15	10	10	5	5	5	5	5	5	10	10	10	5	5	10	[ ]
34	5	8	12	11	14	12	10	14	13	11	10	9	10	9	5	5	6	6	8	10	10	11	9	9	8	[ ]

YDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
2	0	0	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
3	0	0	0	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
4	0	0	0	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
5	0	0	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
12	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
13	0	0	0	0	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
14	0	0	0	0	0	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	5	5	5	0	5	5	10	10	10	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5	5	10
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	5
19	[CA]	[CA]	[CA]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	10	5	5	5	5	5	5	5	5	5	5	10
20	0	0	5	5	5	5	5	5	5	5	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5
21	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0
22	5	5	5	5	5	10	10	10	10	5	5	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	5	10
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]	[ ]
SD	2	2	2	2	2	3	3	3	3	2	2	1	0	0	2	1	1	1	1	1	1	1	1	2	1 [	]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[1	1
2	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[1	1
3	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[1	1
4	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[1	1
5	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[1	1
6	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	0	5	5	0	0	0	0	0	0	0	0	0	5	5	5	0	5
7	5	5	5	5	5	5	5	5	10	5	5	5	5	0	0	0	0	0	0	5	5	5	5	5	5	10
8	5	5	5	5	10	10	10	10	10	15	5	0	0	0	0	0	0	0	5	0	5	5	5	5	5	15
9	5	5	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	5	5	5	5	5	10	5	5	10
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5	0	0	5	5	0	0	0	0	5	5
14	0	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0	0	0	0	5	10	10	10	10	5	10
15	10	10	10	10	10	10	10	10	10	10	5	10	5	5	5	5	5	5	10	10	10	10	10	5	10	10
16	10	10	10	10	5	5	5	5	5	5	5	5	5	5	0	0	0	0	5	5	5	5	10	10	5	10
17	10	10	10	10	10	10	10	10	10	10	10	5	5	0	0	0	0	0	5	5	5	5	5	10	5	10
18	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	10	10	10	10	15	15	10	15
19	15	15	30	25	15	15	15	15	15	20	15	10	10	10	5	5	5	5	5	10	10	10	15	15	15	30
20	15	30	15	15	15	15	15	15	15	15	10	10	10	5	5	5	5	5	10	10	10	10	15	15	10	30
21	15	15	15	15	15	15	15	15	10	10	10	10	10	5	5	5	5	5	10	10	10	10	10	10	10	15
22	10	10	10	15	15	15	15	15	15	15	10	10	5	5	0	0	0	0	5	5	5	10	10	10	10	15
23	10	10	10	15	15	15	15	15	10	10	10	10	5	5	5	5	0	5	5	5	5	10	10	10	10	15
24	10	10	10	15	15	15	15	15	15	15	15	10	5	5	5	5	5	5	5	5	5	5	5	5	10	15
25	10	10	10	10	10	10	10	10	10	10	10	5	5	5	0	0	0	0	5	5	5	5	5	5	5	10
26	5	10	10	10	10	10	10	10	10	10	10	5	0	0	0	0	0	0	0	0	0	0	0	0	5	10
27	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	5	5	5	5	5	5
28	10	10	10	10	10	10	13	15	15	15	10	10	5	5	0	0	0	0	0	5	5	5	10	10	10	15
29	10	10	10	10	10	10	15	10	15	10	10	10	5	5	0	0	0	0	0	5	5	5	5	10	5	15
30	10	10	10	10	10	10	10	10	10	10	10	5	5	0	0	0	0	0	0	0	5	5	5	5	5	10
31	5	5	5	5	5	5	5	5	10	5	5	5	0	0	0	0	0	0	0	0	0	5	5	5	5	10
AV	10	10	10	10	10	10	10	10	10	10	10	5	5	5	0	0	0	0	5	5	5	5	5	5	5 [	1
SD	4	5	5	5	4	4	5	4	4	5	3	3	3	3	2	2	2	2	4	3	3	3	4	4	3 [	1

HYDROGEN SULFIDE
(MICROSPHERE/CU METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE # 1

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	5
2	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	15	10	10	10	5	5	5	5	10	10	15	15	15	15	10	15
3	15	15	15	15	15	15	15	10	10	15	15	5	10	5	5	5	5	10	10	10	10	10	5	[IM]	10	15
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[OR]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
27	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
28	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
29	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
30	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	5	5	5	10	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5	10
42	5	5	5	10	5	10	5	5	5	5	10	5	5	5	0	0	0	5	5	5	5	5	5	5	5	10
43	5	5	5	5	6	5	5	5	5	5	5	6	5	4	2	2	2	4	5	5	6	6	6	6	4	10

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 1

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
2	5	5	5	5	5	10	10	10	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10
3	0	5	5	5	5	5	10	10	10	5	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	10
4	5	5	5	5	5	10	10	10	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	10
5	5	5	5	5	10	10	10	10	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	10
6	5	5	5	5	5	5	10	10	10	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10
7	0	0	0	0	0	0	0	5	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
10	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
11	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
12	5	5	5	5	5	10	10	10	10	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	5	5	5	10	10	10	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	10	10	10	0	15	15	15	15	15	10	10	0	0	0	0	0	0	0	0	0	0	0	0	10	5	15
17	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
18	0	0	0	0	0	5	5	5	5	5	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	5
19	[CA]	[CA]	[CA]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	15	10	10	5	0	5	5	5	5	10	5	15
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
21	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	5	5	5	5	5	5
22	10	10	15	15	15	20	20	20	20	15	10	5	5	0	0	0	0	0	0	0	0	5	[IM]	[IM]	10	20
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	3	5	5	8	8	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	3	3	4	4	4	5	6	5	5	4	3	1	1	0	3	2	2	1	0	1	2	2	2	3	2	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	15	5	5	0	0	0	0	0	5	5	5	5	5	10	5	15
7	10	10	15	10	15	15	15	15	15	15	15	10	10	5	5	0	5	5	5	5	10	10	10	15	10	15
8	15	15	15	15	15	15	15	15	15	15	10	10	5	5	0	0	0	5	10	5	10	10	10	10	10	15
9	10	10	10	10	15	15	15	15	15	15	15	15	10	10	10	10	10	10	10	10	10	10	10	10	10	15
10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	10	10	10	10	10	10	5	10	10	10	10	15
11	10	10	10	10	10	10	15	15	15	15	10	15	10	10	10	10	10	10	10	10	10	10	10	10	10	15
12	10	10	10	10	10	10	10	15	15	15	10	10	10	10	10	5	5	10	10	10	10	10	10	10	10	15
13	10	15	15	15	15	15	15	15	15	15	10	10	5	10	10	10	10	10	10	10	10	5	10	10	10	15
14	10	10	10	10	10	10	15	15	15	15	15	10	10	5	5	0	5	5	10	15	20	20	25	25	10	25
15	25	25	15	20	20	20	20	20	20	20	15	10	15	15	15	10	15	15	20	20	25	25	25	15	20	25
16	15	20	20	20	15	15	15	15	15	10	15	15	15	10	5	5	5	5	10	10	15	15	15	20	15	20
17	20	20	20	20	20	20	20	20	20	20	20	10	10	5	5	0	5	5	10	10	15	15	15	15	15	20
18	20	20	20	20	20	25	25	25	25	25	20	15	10	10	10	10	10	10	15	20	20	20	25	25	20	25
19	25	25	30	30	25	20	25	25	20	15	25	20	20	15	10	10	10	15	15	20	20	25	25	25	20	30
20	25	30	25	25	25	30	30	30	30	30	25	20	20	15	15	15	15	15	20	20	25	25	25	25	25	30
21	25	30	30	30	25	30	25	20	20	20	15	15	15	15	10	5	5	10	15	15	15	15	15	15	20	30
22	20	20	20	20	25	25	25	25	25	20	20	15	10	5	0	0	0	0	5	10	15	15	15	20	15	25
23	20	20	20	20	25	20	25	25	20	20	20	15	10	5	5	5	0	5	10	10	10	15	15	20	15	25
24	20	20	20	25	25	25	25	25	25	25	25	15	10	10	5	5	10	10	10	10	10	10	10	10	15	25
25	15	15	15	15	15	15	15	15	20	20	15	10	5	5	0	0	0	0	5	10	10	10	10	10	10	20
26	10	15	15	15	15	15	15	20	20	20	15	10	5	0	0	0	0	0	5	0	5	0	0	5	10	20
27	5	10	5	10	10	10	10	10	10	15	10	5	0	0	0	0	0	0	0	0	5	5	10	10	5	15
28	15	15	15	20	20	20	20	25	25	25	20	15	10	5	0	0	0	0	5	10	10	15	15	20	15	25
29	20	20	25	25	25	25	25	25	25	25	20	20	15	10	5	5	0	0	5	10	10	15	15	15	15	25
30	20	20	20	20	20	25	25	25	25	20	20	20	5	0	0	0	0	0	5	5	5	5	5	5	10	25
31	5	5	5	5	10	10	10	10	15	15	10	5	5	0	0	0	0	0	0	0	5	5	5	10	5	15
AVE	13	13	13	15	20	20	20	20	20	20	15	15	10	10	5	5	5	5	10	10	10	15	15	15	15	[ ]
SD	6	6	6	6	5	6	6	5	5	6	5	4	5	5	5	5	5	5	5	6	6	7	7	6	4	[ ]

9LFOR DIGRISE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 1

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

VAR	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PER
1	5	10	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	10	10
2	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[PF]	20	25	20	15	10	10	5	10	15	25	25	25	25	25	20	25
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25	25	20	12	10	10	10	10	15	20	20	20	15	[IM]	25	30
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	1	1
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	1	1
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	1	1
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	1	1
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	1	1
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	1	1
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	1	1
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	1	1
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	1	1
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	1	1
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	1	1
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	1	1
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	1	1
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	1	1
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	1	1
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	1	1
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	1	1
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	1	1
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	1	1
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	1	1
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	1	1
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	1	1
26	[OR]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[IM]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	1	1
27	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	1	1
28	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	1	1
29	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	1	1
30	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	15	14	12	10	10	10	10	10	11	10	10	10	10	10	5	5	5	5	5	5	10	10	10	10	5	10
34	12	12	14	14	14	14	14	13	13	13	11	12	10	7	5	5	4	6	7	11	11	11	10	11	9	1

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	25	25	30	30	30	30	30	30	30	30	25	25	5	0	0	0	0	0	5	25	25	25	25	25	20	30
2	30	30	30	30	30	30	30	30	30	30	25	20	0	0	0	0	0	0	0	5	25	25	25	25	20	30
3	30	30	30	20	30	30	30	30	30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	30	30
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	30	30	25	30	30	25	20	30	30	30	30	30
19	30	30	30	30	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	5	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	25	30
20	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	0	0	0	0	0	0	0	0	5
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
22	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	5
23	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	5	5	5	5	5	0	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0	5
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	5	5	5	5	5	5	5	10
30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	[ ]
MO	13	13	13	13	12	12	12	12	12	11	9	8	2	8	8	6	7	7	6	9	10	10	10	10	11	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

SUBJECT TO REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5
2	5	5	0	5	5	5	0	5	0	5	5	5	5	5	10	5	10	5	5	5	5	5	5	5	5	10
3	5	5	5	5	5	5	5	5	5	5	15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	15
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	10	5	10	10	10	5	5	5	5	5	5	5	5	5	10
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	10	10	15	15	10	15	10	10	10	10	10	10	10	15
13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
14	10	10	10	10	10	15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15
15	10	10	10	10	10	10	10	10	10	10	10	10	10	15	10	10	10	10	10	10	10	10	10	10	10	15
16	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
17	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
18	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
19	10	15	10	10	10	10	10	10	10	10	15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15
20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
21	10	10	10	10	10	10	10	10	10	10	10	10	10	15	10	10	10	10	10	10	10	10	10	10	10	15
22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	10	10	15
23	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
24	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
25	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	10	10	10	10	15
26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	10	10	10	10	10	15
27	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
28	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
29	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
30	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
31	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
N7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1
SD	2	3	3	2	2	3	3	2	3	2	3	2	2	3	3	3	3	3	2	3	3	2	3	3	2	1

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	15	10	10	10	10	10	10	10	15	10	15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15
2	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	10	15	15	15	15	15	15	15	15
3	15	10	10	10	10	10	10	10	10	10	15	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15
4	15	15	15	15	15	10	10	10	10	10	10	10	10	10	10	15	15	15	15	10	15	10	15	10	10	15
5	10	15	15	10	15	15	15	15	15	15	10	15	15	15	15	15	10	10	15	10	10	15	15	15	15	15
6	15	10	10	15	15	10	15	10	10	15	[PF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	15	15
7	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
8	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
9	15	15	15	15	15	15	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
11	15	15	13	15	15	15	15	15	15	10	15	15	10	15	15	10	15	15	15	15	15	15	10	10	15	15
12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
13	10	10	15	15	15	15	15	15	10	10	10	10	10	15	15	15	15	10	10	15	15	10	10	10	15	15
14	15	10	15	10	10	10	10	10	15	10	15	15	15	15	15	15	10	15	15	15	10	10	15	15	15	15
15	15	15	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	10	10	15	15	10	15
16	10	15	15	15	15	10	15	15	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
17	15	15	15	15	15	15	15	15	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
18	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
19	10	10	15	15	10	10	10	15	15	15	15	15	15	15	15	15	15	15	10	15	10	15	15	15	15	15
20	15	15	15	15	10	10	10	15	15	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
21	15	15	15	15	10	10	15	15	15	15	15	15	15	15	15	15	15	15	10	15	10	10	10	15	15	15
22	10	15	15	10	15	10	15	15	15	10	15	15	15	15	15	15	15	10	10	15	10	10	10	10	15	15
23	10	10	10	10	10	10	10	5	5	5	20	25	25	25	25	25	25	25	25	25	25	25	25	25	20	25
24	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
26	25	25	25	25	15	25	25	25	25	30	20	25	25	25	25	25	25	25	25	25	25	25	25	25	25	30
27	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
28	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
29	25	25	25	25	25	25	25	23	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
30	25	25	25	20	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
31	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
AV	15	15	15	15	15	15	15	15	15	15	15	15	15	20	20	20	15	15	15	15	15	15	15	15	15 [ ]	
SD	6	6	6	6	6	6	6	6	6	7	5	6	6	5	5	5	5	6	6	5	6	6	6	6	5 [ ]	

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	0	0	0	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
20	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	3	5	5	5	5	5	5	5	5	5
21	0	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	10
22	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5
24	5	5	5	5	5	5	5	5	5	5	0	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	0	5	5	5	0	0	5	5	0	5	5	5	5	5	5	5	5	5	0	5	0	0	0	5	5
26	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	5	5	0	0	5	0	0	5
27	5	0	0	0	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5 [	1
SD	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2 [	1

YDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE G 2

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	15
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	10	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	10
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
31	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	1
SD	0	1	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1

YDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JANUARY,1976

AEROVIRONMENT INC.

```
**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 11 APR 76   *
*                    *
**********************
*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
**********************
```

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	10
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	[PF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	5
7	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
8	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	5	5	5	5	5	5	5	5	10
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	10
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	10	10	10	5	5	5	5	5	10	5	10
17	10	10	5	5	5	5	10	10	5	5	5	5	10	10	5	10	10	5	5	5	10	10	5	5	5	10
18	5	5	5	5	5	10	10	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	10
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	10
20	5	5	5	5	5	5	5	5	5	5	5	5	10	10	5	5	10	5	5	10	5	5	5	5	5	10
21	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	10	10	10	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	10
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
29	10	10	10	10	5	10	5	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
31	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5 [	]
SD	2	2	1	1	0	1	1	1	1	1	1	0	2	2	1	2	2	1	0	2	1	1	0	1	1 [	]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO *
* REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	0	0	0	0	0	5	5	5	5	10	10	10	10	5	5	5	0	0	5	5	5	10
2	0	5	0	0	0	0	0	0	0	0	5	5	5	10	10	10	10	10	5	5	5	0	0	5	5	10
3	5	5	5	0	0	0	0	0	0	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	5
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[MT]	5	5	10	10	5	5	5	5	5	5	5	5	10
19	5	5	5	5	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5
20	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	0	0	0	0	0	0	0	0	5
21	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	5
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	5
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	0	5	5	0	0	5	5	0	5	0	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	0	0	5	5	5	5
29	0	0	0	5	5	5	5	5	0	0	0	5	0	5	5	5	5	5	0	5	5	0	0	0	5	5
30	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5	5	0	0	0	0	0	0	0	5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	[ ]
MO	2	2	2	2	2	2	2	2	1	2	2	2	2	4	4	4	4	3	2	2	2	2	2	2	2	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	5	0	0	0	0	5	0	0	0	0	0	5	5	5	5	5	5	0	5	5	5	5	0	5	5
2	5	5	0	5	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	0	0	5	0	5	5	5
3	5	5	3	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5
5	5	5	5	5	5	5	5	5	0	0	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	0	5	5	5	5	0	0	0	0	5	5	5	5	5	0	5	0	5	0	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	0	0	0	5	5	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	15	5	0	5	5	5	5	5	5	5	5	5	5	5	15
13	5	5	5	5	5	5	5	5	25	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	25
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	5	5	5	5
15	0	5	0	0	0	0	0	0	0	0	5	5	0	5	5	5	5	0	0	0	0	0	0	5	0	5
16	5	0	5	0	5	0	0	0	0	0	0	0	5	0	5	0	5	5	0	0	5	0	5	5	0	5
17	5	0	5	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5	0	0	0	0	0	0	0	5
18	5	0	0	0	0	5	5	0	0	0	0	5	5	5	0	0	5	5	0	0	0	0	0	0	0	5
19	5	5	5	5	5	5	5	5	0	0	5	5	0	0	0	0	0	0	0	0	5	5	0	5	5	5
20	0	5	0	0	0	5	0	0	5	0	0	5	0	5	0	0	5	0	0	0	0	5	0	0	0	5
21	0	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	5	5	5	0	0	0	5	0	0	5
22	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	5	5	5	0	5
23	0	5	5	5	0	0	0	5	5	5	5	5	0	5	5	0	5	5	5	5	0	0	0	0	5	5
24	0	5	0	5	5	0	0	0	0	0	5	5	0	5	5	5	0	0	0	0	5	0	0	0	0	5
25	0	0	5	5	5	0	5	0	0	5	5	5	5	5	5	5	5	5	0	5	0	5	5	5	5	5
26	5	0	5	0	0	5	0	0	0	0	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	0	0	5	0	0	0	0	5	5	5	5	0	5	5	5	5	5	5
28	0	5	5	5	0	0	0	0	5	0	0	0	0	5	5	5	5	5	0	0	0	0	5	0	0	5
29	0	0	0	0	0	0	0	0	0	5	5	5	0	0	0	5	5	5	5	5	5	0	5	5	0	5
30	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5
31	0	0	0	0	0	0	0	5	0	0	0	5	0	0	0	5	0	5	5	5	0	0	0	0	0	5
AV	5	5	5	5	5	5	5	0	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5 [	1
SD	2	2	2	2	2	2	2	2	5	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	1 [	1

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	10
6	5	5	5	5	5	5	5	5	10	5	[PF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	10
7	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
8	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	10	5	5	5	10	5	10	5	10	10	5	5	5	10
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	10	5	5	5	10
10	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	10	10	5	5	5	5	5	5	5	5	10
11	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10	5	10	10	10	10	10
12	5	5	5	0	5	0	0	0	5	0	5	5	5	5	0	0	5	0	5	5	0	5	0	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	10
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	10
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	10
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	0	5	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
29	10	10	10	10	5	10	10	10	10	10	5	5	5	5	5	5	10	10	5	5	5	5	5	5	5	10
30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	5	10
31	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5 [ ]	
SD	1	1	2	2	0	1	2	2	2	2	1	2	2	1	1	2	2	2	2	1	2	2	1	1	1 [ ]	

TA : HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	850	850	870	880	1020	990	970	900	880	950	1140	970	890	850	850	840	850	850	850	860	840	1040	870	870	900	1140
2	1120	1150	1120	1060	1110	1090	1120	1780	1130	1080	1100	1040	1040	1080	1070	1070	1040	1070	1080	1090	1040	1110	1100	1100	1120	1780
3	850	850	970	850	910	790	850	840	840	[CA]	1090	1140	940	820	790	820	810	820	950	1020	950	970	890	800	890	1140
4	980	1150	1020	900	790	1090	950	1170	1280	1090	920	1020	870	1040	1080	860	920	960	920	870	900	920	920	850	980	1280
5	850	800	1040	1080	840	1040	1210	1010	840	970	840	940	1010	1130	920	860	850	900	1030	890	880	910	980	1000	960	1210
6	900	880	930	1070	1100	980	1040	900	1030	960	1250	1060	1310	980	940	1030	820	820	810	800	1030	810	800	880	970	1310
7	770	760	1000	830	810	790	810	830	840	840	860	820	770	770	820	990	840	890	840	790	870	860	750	770	830	1000
8	1090	1100	1110	1140	1130	1260	1090	1300	1040	1080	1040	1100	1100	1080	1080	1090	1100	1060	1130	1150	1060	1050	1090	1110	1110	1300
9	1050	910	1110	960	920	1150	1140	900	920	920	1100	1080	850	900	820	840	820	830	830	820	1190	830	790	800	940	1190
10	790	780	790	770	840	760	930	770	840	850	840	860	890	900	910	910	1100	1050	900	850	980	790	810	980	870	1100
11	790	790	780	820	980	780	800	1010	850	800	790	1030	1020	830	830	920	820	860	830	830	820	840	840	990	870	1030
12	860	900	870	1020	850	1010	930	840	800	770	820	1090	860	920	760	770	960	1020	900	1000	870	1030	830	950	900	1090
13	790	830	920	740	880	1010	1090	1080	830	800	1010	1010	1100	860	860	830	830	840	830	890	1040	840	800	820	900	1100
14	1140	1180	1010	1120	1130	1080	1140	1120	1140	990	1120	1090	1160	1140	1190	1090	1130	1030	1170	1140	1290	1140	990	1160	1120	1290
15	1080	860	970	940	870	960	870	890	880	820	[CA]	940	840	1070	830	980	1130	1150	990	860	1030	930	980	860	950	1150
16	850	880	840	880	850	990	910	1010	920	1180	1000	1120	960	1140	1140	870	920	850	1060	790	910	800	990	950	950	1180
17	820	850	830	950	1110	850	1000	940	1030	990	950	1040	1040	1100	1120	1180	1080	1050	990	970	1170	960	1030	1140	1010	1180
18	1190	1030	940	930	950	1190	920	990	1100	960	980	820	1060	1100	1020	870	910	900	1180	1000	820	820	870	850	970	1190
19	1070	830	800	1070	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	820	940	1190	1250	1130	1250	1250	1250	1190	1380	1060	1130	1630	1140	1630
20	1440	1250	1380	1310	1500	1440	1440	1750	1620	1500	1440	1250	1370	1250	1190	1190	1120	1250	1120	1120	1180	1120	1180	1310	1320	1750
21	1060	930	1180	810	930	1000	930	1000	930	930	[CA]	1090	930	890	910	870	1100	960	930	910	850	1180	1160	1060	980	1180
22	1040	1160	980	1100	1000	1070	1180	1100	1030	850	900	840	830	1260	950	970	860	880	960	1100	980	1020	1060	970	1000	1260
23	1360	1000	1190	960	820	1090	890	1110	1010	900	1020	1000	940	980	1010	950	920	850	830	820	990	890	990	1200	1000	1360
24	1150	910	1000	970	1010	1180	990	950	1150	1180	1260	1230	930	890	1000	1170	1030	960	900	860	1070	850	850	830	1010	1260
25	890	900	830	890	980	890	830	970	840	850	870	990	850	890	840	800	1020	1310	1060	840	840	1190	880	900	930	1310
26	1170	1210	1170	1190	1190	1180	1290	1330	1430	1420	1230	1250	1110	1150	1030	1120	1130	1290	1260	1290	1280	1220	1380	1370	1240	1480
27	1070	1410	1260	1070	1350	1120	1220	1000	990	1190	1210	1120	1080	990	1240	1280	1200	950	1130	1110	1140	1380	1410	1290	1180	1410
28	1070	1300	1080	1150	1440	1340	1300	1180	1440	1120	1160	1140	1130	790	880	1000	1020	870	1080	1090	980	1060	1100	1040	1120	1440
29	1100	1090	1030	870	1090	1090	1020	1100	1090	1090	950	1010	970	730	1080	940	940	860	1100	1050	1160	1160	1150	1130	1030	1160
30	1140	1130	1100	1100	1140	1150	1080	1110	1120	1390	1050	1090	1040	1020	780	1110	1020	850	1100	1050	1030	1140	1170	1110	1080	1390
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	1010	990	1000	990	1020	1050	1030	1060	1030	1020	1030	1030	990	990	970	980	990	970	1000	970	1020	1000	990	1020	1010	[ ]
SD	169	169	145	130	180	161	159	233	202	189	157	132	137	144	143	132	126	146	129	135	149	150	167	155	114	[ ]

TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1080	1010	1050	1080	1170	1040	1150	1030	980	990	1010	930	820	910	900	1080	1080	1070	970	1030	1000	940	880	970	1010	1170
2	1220	1150	1230	1160	1100	1200	1210	1110	1440	1250	1200	1160	1180	1170	1180	1190	1190	1210	1200	1170	1220	1230	1270	1240	1200	1440
3	1160	970	970	1030	990	1020	1110	910	1290	1100	[DA]	980	970	900	1100	1190	1140	1080	1140	1130	1100	990	1250	1260	1090	1290
4	1290	1150	1130	1250	1260	1250	1230	1120	1150	1100	1110	910	970	1020	1010	1010	1080	1130	1150	1120	1220	1120	1170	1150	1130	1290
5	1170	1260	1270	1190	1470	1460	1460	1560	1450	1510	1330	1100	1450	1440	1240	1280	1250	1170	1240	1310	1260	1230	1390	1510	1330	1560
6	1430	1210	1300	1310	1440	1290	1260	1430	1560	1340	1470	[DA]	1270	1190	960	1090	1070	1230	1160	1200	1120	1300	1110	1330	1270	1560
7	1210	1430	1250	1440	1280	1250	1230	1120	1110	1460	930	830	1060	1260	1090	1190	1510	1420	1370	1320	1370	1800	1450	1180	1270	1800
8	1540	1570	1490	1500	1420	1430	1490	1540	1720	1670	1520	1470	1510	1500	1470	1530	1560	1750	1700	1740	1860	1750	1830	1790	1610	1860
9	1530	1910	1680	1800	1650	1550	1730	1650	1450	1420	1550	1570	1440	1530	1510	1340	1250	1280	1590	1270	1490	1340	1500	1580	1530	1910
10	1310	1210	1600	1210	1150	1110	1340	1160	1340	1380	1470	1110	1090	1420	1290	1260	1520	1450	1300	1190	1230	1310	1200	1390	1290	1600
11	1530	1390	1600	1300	1200	1430	1310	1520	1260	1480	1340	1430	1370	1200	1200	1400	1230	1370	1380	1580	1510	1590	1390	1210	1390	1600
12	1550	1270	1560	1610	1640	1350	1390	1280	1310	1510	1640	1240	790	760	860	830	770	1080	740	760	790	1040	820	740	1140	1640
13	800	750	730	830	860	1070	1070	750	980	1130	730	960	750	950	760	720	1080	1090	1030	880	1030	850	900	890	900	1130
14	1060	1000	1100	1020	1130	1100	1120	1170	1110	1160	1160	1040	1180	1150	1190	1180	1110	1080	1330	1170	1170	1170	1210	1240	1140	1330
15	790	1130	770	1020	970	1340	950	1220	1180	1020	1050	1050	[DA]	840	1060	830	940	1150	1170	1070	810	1160	1050	970	1020	1340
16	1150	1010	1050	1140	1350	1190	1240	1100	1230	1250	1210	880	1400	1070	1120	1100	1090	1090	1410	1360	1200	1390	1130	1000	1180	1410
17	1310	1070	1400	1350	1140	1320	1110	1240	1350	1300	1430	1300	1300	1280	1030	1060	1260	1000	1110	960	1290	1260	1170	1380	1230	1430
18	1110	1110	1180	980	1110	1310	1570	1310	1180	1050	1180	850	920	920	[DA]	[DA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	1130	1570
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[DA]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
20	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
21	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	1570	1630	1690	1590	1450	1730	2000	2200	2270	1940	1810	2270
22	1910	1540	1630	1490	1830	1620	1320	1340	1440	1430	1300	1220	1180	1350	1440	1320	1330	1310	1300	1290	1270	1370	1250	1190	1400	1910
23	1220	1180	1210	1300	1380	1330	1230	1180	1170	1190	1310	1230	1550	1350	1370	1360	1340	1300	1240	1260	1480	1550	1660	1650	1340	1660
24	1430	1380	1420	1430	1280	1520	1290	1300	1670	1260	1170	1580	1290	1150	1340	1330	1640	1800	1740	1750	1600	1600	1530	1400	1450	1800
25	1450	1470	1400	1370	1360	1580	1700	1460	1340	1330	1350	1320	1510	1650	1400	1470	1500	1570	1760	1570	2130	1740	1780	1830	1550	2130
26	2100	2330	1860	2000	1970	2000	1970	1910	1880	1970	1810	1810	1460	1440	1800	1770	1970	1650	1650	1800	1860	1790	1880	1800	1860	2330
27	1830	1770	1520	1530	1550	1740	1760	1440	1550	1650	1460	1100	1050	1050	1020	1030	1060	1070	1010	1060	870	950	820	840	1280	1830
28	730	890	770	760	780	1230	750	900	830	980	890	730	820	870	880	870	860	890	910	830	800	790	1040	940	860	1230
29	760	750	810	1180	920	910	730	720	1140	750	820	790	900	870	1190	920	1030	900	1180	980	940	810	840	800	900	1190
30	1040	1040	790	800	880	930	790	1120	1190	1190	[DA]	1380	1050	1050	1370	1410	1310	1240	1040	1020	1100	1010	800	800	1060	1410
31	1130	690	620	640	1030	1220	1300	960	610	610	710	620	650	820	1180	860	680	660	770	930	1010	780	840	1190	850	1300
AV	1280	1240	1240	1240	1260	1310	1280	1230	1280	1270	1240	1140	1140	1150	1200	1190	1240	1240	1250	1230	1280	1290	1270	1260	1250	[ ]
SD	325	353	334	302	291	242	290	266	264	278	274	283	260	242	239	250	285	261	266	285	352	353	365	337	253	[ ]

TAL HYDROCARBONS
MICROGRAMS/CU. METER)

UNITE RIVER SHALE PROJECT,UTAH

SITE A 2

JANUARY,1976

AEROVIRONMENT INC.

****
* *
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
* *
****
* *
* SUBJECT TO *
* REVISION *
* *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1290	1230	1840	1570	1300	1230	1290	1360	1290	1230	1230	1290	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1230	1290	1840
2	1230	1230	1230	1230	1230	1290	1230	1290	1230	1360	1430	1430	1360	[CA]	890	890	820	820	820	1230	1160	750	1430	1290	1170	1430
3	820	1230	1090	1360	1160	1290	1230	1360	1360	1430	890	1230	1290	1230	1360	1230	1230	890	1570	1360	890	1570	1500	1360	1250	1570
4	1360	1230	1500	1430	1290	1430	1090	890	1020	1430	1090	890	1230	1290	1020	950	950	1230	1360	1290	1230	950	1090	1160	1180	1500
5	1230	1430	750	1160	1230	1160	1090	890	1090	1360	[CA]	1160	1360	1230	1020	1160	1360	1090	1570	1230	1430	1700	1770	2040	1280	2040
6	1840	1630	1980	1570	1500	1290	1160	1500	1700	1360	[PF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	1550	1980
7	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
8	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	950	1160	1290	1230	1230	1360	1570	1160	1230	1230	1230	1980	1630	1330	1980
9	1360	1430	1570	1230	1160	1290	1160	1290	1090	1290	1160	1160	1090	1230	1290	1160	1160	1230	1360	1360	1430	1290	1250	1430	1270	1570
10	1570	1570	1360	1360	1360	1500	1430	1430	1360	1570	1430	1430	1230	1020	1090	1020	950	950	1230	1160	1090	1430	1570	1290	1310	1570
11	1020	1090	950	1020	820	820	820	750	820	1290	950	[CA]	950	1130	1090	1160	1090	1090	1150	1360	1150	1150	1150	1290	1050	1360
12	1170	1130	1410	1170	1370	1170	1130	1190	1240	1180	1200	1460	1260	1470	1380	1310	1450	1340	1080	850	830	840	840	960	1190	1470
13	1210	1010	1220	1220	1210	1220	1260	1080	1240	1390	1150	1200	870	860	900	890	890	890	880	1210	1220	1250	1220	1170	1120	1390
14	890	1120	830	790	800	1030	1420	1010	1010	980	[CA]	1450	990	1150	970	840	1130	1350	990	1100	1040	1220	800	820	1030	1450
15	1060	1130	1440	870	1330	1190	1250	1330	1100	1340	1220	1080	970	1110	1320	1000	1170	1410	1430	1480	1010	1600	1270	1080	1220	1600
16	1410	1130	1790	1550	1310	1760	1500	1570	1330	1120	1070	1470	1080	1320	960	1160	1220	1450	1190	1190	1710	1460	1390	1680	1370	1790
17	1620	1560	1530	1150	1230	1070	1550	1700	1620	1460	1350	1180	[CA]	1160	1050	1190	1250	1240	1100	1070	1250	1230	1360	990	1310	1700
18	1130	1360	1200	1500	1590	1300	1450	1520	1550	1240	1470	1650	1720	1420	1260	1360	1470	1500	1470	1860	1720	1800	1740	1750	1500	1860
19	1350	1220	1270	1250	1260	1540	1560	1510	1440	1430	1340	1420	1380	1310	1240	1290	1440	1390	1430	1420	1430	1430	1440	1270	1380	1560
20	1140	1410	1370	1350	1350	1280	1330	1370	1390	1470	[CA]	1320	1400	1350	1200	1010	1010	1070	1210	1330	1200	1180	1480	1550	1290	1550
21	1590	1550	1590	1670	1540	1330	1510	1540	1510	1570	1440	1630	1230	1010	990	970	980	1000	1000	1410	1490	1360	1210	1420	1350	1630
22	1480	1470	1460	1470	1430	1470	1470	1500	1750	1510	1580	1530	1370	1070	1520	1580	1480	1320	1540	1500	1520	1620	1650	1640	1500	1750
23	1650	1610	1610	1620	1580	1590	1600	1660	1670	1660	1640	1240	1510	1420	1210	1260	1330	1310	1630	1520	1520	1540	1540	1540	1520	1670
24	1670	1630	1430	1730	1480	1700	1560	1720	1650	1520	1900	1810	1680	1520	1760	1420	1300	1390	1300	1170	1040	970	1090	1180	1490	1900
25	890	1040	930	1300	1330	1300	1300	1400	1370	1330	880	890	900	1170	930	1180	880	880	880	1100	1120	1320	1240	1250	1120	1480
26	1040	960	850	800	790	820	780	800	950	1230	[CA]	1090	1420	1320	1140	990	1360	1380	1540	1200	1070	1430	1420	1210	1110	1540
27	1390	1210	1330	1490	1310	1370	940	1020	1020	1100	1240	1100	1360	1340	1300	970	1150	1190	1170	1230	1330	1040	1400	1140	1220	1490
28	1420	1250	1390	1530	1560	1440	1410	1390	1390	1400	1500	1340	1380	1550	1420	1420	1570	1330	930	1320	1290	910	1430	1180	1370	1570
29	1050	850	850	1050	1240	1180	1380	1310	1380	1440	1510	1390	1520	910	990	1160	1410	1250	1000	980	1110	1120	1430	1420	1200	1520
30	1360	1280	980	800	900	1290	1820	1530	1100	1330	1700	1840	1210	1330	1450	1330	1480	1560	1420	1220	930	940	1240	730	1280	1840
31	1070	1370	1020	790	1020	1340	1280	1250	1260	1270	1370	1240	1230	1330	1050	890	1080	1530	1210	1300	1300	1060	1250	1510	1210	1530
AV	1290	1300	1300	1280	1270	1300	1310	1320	1310	1350	1320	1320	1260	1240	1190	1150	1210	1240	1240	1270	1240	1260	1380	1320	1280	[ ]
SD	257	201	321	268	220	209	229	263	239	149	251	241	211	167	202	184	205	213	229	186	221	265	250	278	135	[ ]

METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	820	820	800	830	950	970	920	850	870	910	1190	780	920	980	980	980	980	990	870	810	860	990	830	840	910	1190
2	1080	1110	1100	1060	1050	1140	1070	1090	1180	1190	1240	1110	1060	980	1000	1010	1060	1010	1030	1080	960	1060	1040	1080	1070	1240
3	850	790	910	850	910	790	850	840	840	[DA]	1030	1090	1050	1020	1010	990	990	1010	1000	980	970	1020	960	840	940	1090
4	1020	1160	1050	850	830	1070	900	1230	1290	1100	900	1000	870	1040	1050	1040	1050	1050	1040	770	870	970	880	840	990	1290
5	870	920	1010	1160	840	1060	1200	930	840	950	780	850	1030	1060	1020	1030	1050	1030	1110	900	870	880	960	940	970	1200
6	910	920	940	1070	1120	940	1000	870	1020	940	1140	1130	1120	1050	1030	1020	1010	1010	1000	840	1170	850	750	890	990	1190
7	760	730	1000	890	760	820	750	770	810	790	750	870	980	970	970	1000	920	990	980	1000	870	860	800	860	870	1000
8	1020	1090	1100	1160	1140	1240	1090	1270	1030	1100	1120	1140	1200	1240	1240	1250	1210	1000	1090	1130	1050	1080	1050	1060	1130	1270
9	1070	900	1590	930	940	1140	1180	870	980	1040	1040	1080	870	770	880	890	860	830	820	890	1220	840	830	800	970	1590
10	860	870	690	780	950	640	940	790	810	860	850	860	890	880	900	870	1260	1050	880	850	990	780	830	970	870	1260
11	800	940	770	940	1020	800	820	1060	900	790	810	1040	990	720	870	950	840	870	850	840	820	850	850	1030	880	1060
12	890	930	940	1050	820	970	950	830	870	780	1010	1060	860	970	800	740	930	1060	970	1000	910	1360	810	1010	940	1360
13	820	840	890	830	970	1110	1100	1140	820	840	1030	1030	1130	880	860	730	840	880	800	870	1050	850	820	820	910	1140
14	1010	1030	1020	1200	1140	1040	1120	1040	1100	930	1150	1120	1250	1330	1370	1290	1230	1080	1170	1120	1270	1100	960	1140	1140	1370
15	1100	800	950	960	970	950	920	910	900	1070	[DA]	840	820	920	850	1020	1070	1200	1040	740	1020	930	1040	800	950	1200
16	870	840	810	790	820	1020	960	980	1000	1170	980	1080	900	1060	1030	630	840	780	1040	800	890	740	980	920	920	1170
17	800	860	800	950	1100	820	970	820	950	960	950	990	1080	1060	870	1130	990	1020	1020	920	1130	880	1050	1100	970	1130
18	1140	1020	930	910	880	1180	890	850	1140	950	900	670	1060	1020	970	800	770	830	1100	950	770	760	840	770	920	1180
19	1010	840	750	830	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	840	890	1120	1300	1060	1120	1180	1240	1180	1230	1080	1080	1470	1070	1470
20	1290	1230	1290	1170	1340	1290	1340	1460	1520	1460	1340	1160	1390	1100	1040	1040	1220	1160	1160	1040	920	920	920	1040	1200	1520
21	1040	920	800	730	800	920	920	870	1090	1130	[DA]	1080	890	800	840	850	1060	1070	970	840	790	1080	1230	1180	960	1230
22	1190	1230	1010	1100	1000	1110	1140	1060	1090	870	840	840	800	1230	940	1000	850	920	940	1090	970	960	1080	1000	1010	1230
23	1310	1060	1160	980	970	1060	920	1120	1030	920	1030	1030	940	920	970	990	870	780	920	930	1020	820	990	1250	1000	1310
24	990	850	910	930	980	1170	1000	940	1120	1240	1070	1110	880	900	1010	1120	1070	910	890	890	1120	820	920	830	990	1240
25	840	930	840	900	1010	920	810	950	800	900	880	900	890	920	860	820	1020	1430	1060	800	880	1110	930	900	930	1430
26	1160	1120	1140	1130	1130	1170	1230	1260	1350	1410	1230	1200	1080	1030	910	1040	1130	1360	1280	1310	1290	1220	1360	1350	1210	1410
27	1100	1430	1340	1120	1440	1140	1220	1080	980	1130	1110	1100	1090	1040	1240	1340	1290	970	1130	1130	1170	1420	1500	1300	1200	1500
28	1120	1320	1150	1150	1520	1360	1240	1230	1450	1140	1180	1170	1160	840	970	1030	1040	950	1060	1200	980	1110	1130	1050	1150	1520
29	1070	1110	1040	900	960	1000	960	880	1130	1130	920	1100	1030	710	1140	960	940	850	1080	1110	1140	1160	1140	1110	1020	1160
30	1190	1100	1140	1110	1100	1160	1030	1200	1130	1340	1030	1070	1070	1060	820	1120	1030	860	1080	1050	1080	1170	1160	1060	1090	1340
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	1000	990	1000	980	1020	1030	1020	1020	1040	1040	1020	1010	1010	990	990	990	1020	1000	1020	970	1010	990	990	1010	1010	[ ]
SD	150	183	191	133	180	161	145	168	180	181	149	131	138	142	141	155	134	151	114	144	144	168	169	174	99	[ ]

ETHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1090	1000	1030	1120	1110	1070	1180	1020	890	1000	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	1050	1180
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AV	1090	1000	1030	1120	1110	1070	1180	1020	890	1000	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	1050	[ ]
SD	0	0	0	0	0	0	0	0	0	0	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	0	[ ]

THANE
MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
2	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
3	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
4	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
5	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
6	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
7	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
8	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
9	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
10	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
11	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
12	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
13	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
14	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
15	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
16	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
17	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
18	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
19	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
20	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
21	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
22	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
23	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
24	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
25	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
26	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
27	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
28	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
29	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
30	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
31	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	(DR)	[ ]	[ ]
AVE	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
SD	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

YDROCARBONS [METHANE REDUCED]
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	30	30	70	50	70	20	40	0	10	40	0	190	0	0	0	0	0	0	0	50	0	50	40	20	30	190
2	40	40	20	0	50	0	50	690	0	0	0	0	40	100	70	60	40	70	50	10	90	100	60	20	70	690
3	0	60	60	0	0	0	0	0	0	[CA]	60	50	0	0	0	0	0	0	0	30	0	0	0	0	10	60
4	0	0	0	50	0	20	60	0	0	0	10	20	0	0	20	0	0	0	0	100	30	0	40	20	20	100
5	0	0	30	0	0	0	10	20	0	10	50	90	0	70	0	0	0	0	0	0	10	40	10	60	20	90
6	0	0	0	0	0	40	40	30	10	20	110	0	190	0	0	10	0	0	0	0	0	0	50	0	20	190
7	10	30	0	0	50	0	50	50	30	50	110	0	0	0	0	0	0	0	0	0	0	0	0	0	20	110
8	20	20	10	0	0	20	0	30	0	0	0	0	0	0	0	0	0	60	40	20	10	0	40	50	20	70
9	0	10	0	30	0	10	0	40	0	0	60	0	0	140	0	0	0	0	10	0	0	0	0	0	10	140
10	0	120	90	0	0	120	0	0	30	0	0	0	0	20	10	40	0	0	20	0	0	10	0	10	20	120
11	0	0	10	0	0	0	0	0	0	10	0	0	40	110	0	0	0	0	0	0	0	0	0	0	10	110
12	0	0	0	0	30	40	0	10	0	0	0	30	0	0	0	40	30	0	0	0	0	0	10	0	10	40
13	0	30	30	0	0	0	0	0	10	50	0	0	0	0	0	100	0	0	30	20	0	0	0	0	10	100
14	130	140	0	0	0	50	20	80	40	60	0	0	0	0	0	0	0	0	0	20	20	40	30	20	30	140
15	0	0	20	0	0	20	0	0	0	0	[CA]	100	20	150	0	0	60	0	0	120	0	0	0	70	20	150
16	0	10	30	90	20	0	0	40	0	10	20	40	50	80	110	240	80	60	20	0	10	60	10	30	40	240
17	30	0	30	10	10	30	30	20	70	30	0	50	0	40	260	60	90	20	0	50	40	80	0	40	40	260
18	60	10	10	30	70	0	30	140	0	20	60	0	10	70	50	80	140	70	80	50	40	60	40	80	50	140
19	60	20	50	230	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	30	50	70	0	60	130	70	20	10	140	10	70	160	70	230
20	150	20	90	140	160	150	90	290	110	40	100	90	0	150	140	140	0	90	0	80	260	200	260	270	130	290
21	20	10	380	60	130	80	20	20	0	0	[CA]	10	40	90	70	20	40	0	0	70	60	100	0	0	50	380
22	0	0	0	0	0	0	40	40	0	0	70	0	30	30	0	0	10	0	30	10	10	60	0	0	10	70
23	50	0	30	0	0	30	0	0	0	0	0	0	0	60	40	0	50	70	10	0	0	60	0	0	20	70
24	160	60	90	40	30	10	0	20	20	0	190	120	40	0	0	50	0	50	10	0	0	30	0	0	40	190
25	50	0	0	0	0	0	20	20	30	0	0	0	0	0	0	40	10	0	0	50	0	80	0	0	10	80
26	10	30	30	70	60	20	60	70	80	70	10	50	40	120	120	90	0	0	0	0	0	0	20	20	40	120
27	0	0	0	0	0	0	0	0	10	60	90	20	0	0	0	0	0	0	0	0	0	0	0	0	10	90
28	0	0	0	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0	0	0	60
29	20	0	0	0	140	90	50	220	0	0	30	0	0	10	0	0	0	0	20	0	20	0	10	20	30	220
30	0	0	0	0	40	0	50	0	0	50	20	20	0	0	0	0	0	0	20	0	0	0	10	50	10	50
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	30	20	40	30	30	30	20	60	20	20	40	30	20	40	30	30	20	20	10	20	20	30	20	30	30	[ ]
SD	45	34	70	50	45	38	26	136	27	23	48	45	37	52	58	53	39	30	19	33	54	45	48	56	25	[ ]

HYDROCARBONS [METHANE REDUCED]
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

DECEMBER,1975

AEROVIRONMENT INC

****
* PRELIMINARY DATA *
* AS OF 14 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	30	20	0	60	0	0	0	90	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	20	90
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AV	0	30	20	0	60	0	0	0	90	0	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	20	[ ]
SD	0	0	0	0	0	0	0	0	0	0	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	0	[ ]

YDROCARBONS [METHANE REDUCED]
MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
SD	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.3	.3	.2	.2	.1	.2	.2	.2	.2	.2	.0	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.0	.3	.3	.2	.3
2	.0	.1	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.1
3	.3	.2	.1	.2	.2	.2	.2	.2	.2	[CA]	.0	.0	.2	.2	.3	.3	.3	.3	.3	.2	.1	.1	.2	.3	.2	.3
4	.2	.2	.2	.1	.2	.1	.2	.1	.1	.1	.2	.1	.3	.2	.1	.3	.2	.2	.2	.3	.3	.2	.2	.3	.2	.3
5	.2	.2	.1	.1	.2	.1	.2	.2	.2	.2	.3	.3	.2	.2	.3	.3	.3	.3	.2	.3	.3	.3	.2	.3	.2	.3
6	.3	.3	.2	.2	.0	.2	.2	.2	.2	.2	.1	.1	.2	.3	.3	.1	.3	.3	.3	.3	.1	.2	.3	.2	.2	.3
7	.3	.3	.1	.3	.3	.2	.2	.2	.3	.3	.2	.3	.3	.3	.3	.1	.2	.2	.3	.2	.2	.2	.3	.2	.2	.3
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.1
9	.1	.1	.0	.2	.1	.0	.0	.1	.2	.2	.0	.0	.3	.2	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.3
10	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.1	.2	.3	.2	.5	.3	.2	.1	.2	.5
11	.2	.2	.2	.1	.1	.2	.2	.1	.2	.2	.2	.0	.1	.3	.3	.2	.3	.2	.3	.2	.2	.2	.2	.1	.2	.3
12	.2	.2	.1	.1	.2	.1	.1	.2	.2	.2	.2	.1	.2	.2	.3	.3	.3	.0	.2	.1	.2	.0	.2	.1	.2	.3
13	.2	.2	.2	.2	.1	.1	.0	.0	.1	.1	.1	.1	.0	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.3
14	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1
15	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	[CA]	.2	.3	.1	.3	.1	.0	.0	.2	.3	.1	.3	.2	.2	.2	.3
16	.2	.2	.2	.2	.2	.1	.1	.1	.1	.0	.2	.1	.3	.0	.1	.3	.3	.3	.1	.3	.2	.3	.2	.3	.2	.3
17	.2	.2	.2	.1	.1	.2	.1	.1	.2	.2	.2	.2	.3	.3	.1	.3	.2	.2	.3	.3	.2	.3	.3	.2	.2	.3
18	.1	.2	.2	.2	.2	.0	.1	.1	.1	.1	.1	.1	.3	.1	.1	.2	.2	.1	.1	.1	.2	.1	.1	.1	.1	.3
19	.1	.1	.1	.1	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	.1	.1
20	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	[LI]	.3	1	.1	.0	.0	.0	.0	0	.0	.0	.0	.0	.0	.3
21	1	1	1	1	1	1	.1	1	.1	1	[CA]	1	.1	1	1	.1	.0	.1	.1	.1	.1	.1	.0	.0	.1	.1
22	1	1	1	1	1	3	.2	1	.1	2	.1	1	.1	0	.1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.3
23	1	1	1	1	1	1	2	1	.0	1	.1	1	.1	.1	.1	.1	1	.1	.1	.1	.1	.1	.1	.0	.1	.2
24	1	1	1	1	1	0	.1	.1	1	1	.1	.1	.1	.1	.1	.0	1	.1	.1	.1	.1	.1	.1	.1	.1	.1
25	1	1	1	1	1	1	.1	1	1	1	.1	.1	.1	2	.1	.1	1	.1	.1	.1	.1	.1	.3	.1	.1	.3
26	1	1	1	1	1	1	.1	1	.1	1	.1	.1	.1	.1	.1	.0	1	.1	.1	.1	.1	.1	.1	.3	.1	3
27	1	1	.1	1	1	1	1	1	.1	1	.1	1	.1	.1	.0	.1	1	.1	.1	.1	.1	.0	.0	.1	.1	.1
28	1	1	.1	.1	0	1	.1	1	.0	1	.1	1	.1	.1	1	.0	.1	.1	.0	.0	.1	.1	.0	.0	.1	.1
29	0	0	0	1	0	0	0	0	0	0	.1	.0	.1	.1	.1	.1	1	.1	.1	.0	.0	.0	.1	.0	.0	.1
30	0	1	1	1	1	1	.1	0	.0	1	.0	.0	.1	.0	.2	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.2
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
HY	.	1	1	1	1	1	1	1	.1	.1	.1	1	2	.2	2	2	2	.2	.2	.2	.1	.1	.1	.1	.1 [	]
SO	1	1	.1	1	1	1	1	1	.1	1	.1	1	.1	1	.1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1 [	]

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	1	.0	.0	.0	1	.0	.1	.1	.2	.1	.1	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.0	.1	.2
2	0	.0	0	.0	.0	0	.0	1	.0	.0	.0	.1	.2	.2	.2	.2	.2	.1	.1	.1	.1	.0	.1	.0	.1	.2
3	0	.0	0	0	.1	0	.0	1	.0	.0	[CA]	.0	.1	.0	.1	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.2
4	0	1	.0	.0	.0	.0	.0	1	.0	0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.1
5	1	0	0	1	.1	.0	.0	0	.0	0	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1
6	1	.1	.1	.1	.0	1	.0	0	.0	1	.1	[CA]	.1	.2	.1	.1	.0	.1	.1	.1	.0	.0	.0	.1	.1	.2
7	0	0	0	.0	0	1	.0	0	.0	0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.1	.0	.1
8	0	0	0	.0	.0	0	.0	.0	.0	0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1
9	0	0	1	.0	.0	.1	0	0	.0	0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.1
10	1	1	0	.1	.1	1	1	.1	.0	1	.0	1	.1	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1
11	0	0	.0	.1	1	.0	.0	0	.0	0	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.1
12	0	0	.0	.0	.0	0	.0	1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.1	.0	.1
13	0	0	1	.1	.1	0	1	1	.1	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1
14	0	0	1	.0	.0	0	.0	0	.0	0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
15	1	0	.1	.0	.4	0	0	0	.0	0	.0	0	[CA]	.1	.0	.1	.1	.0	.0	.1	.2	.0	.1	.1	.1	.4
16	0	1	1	.0	.3	0	.0	0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.0	.1	.1	.1	.3
17	1	1	0	.0	.1	0	.0	0	.1	1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.1
18	1	.1	.0	.1	.1	.0	.0	.1	.0	.1	.0	1.3	.0	.0	[OR]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.1	1.3
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	.0	.0	.0	.2	.3	.1	.0	.0	.0	.0	.1	.3
22	0	3	3	.4	1	1	.4	4	.6	3	.4	4	.4	.3	.2	.3	.3	.3	.3	.4	.4	.3	.6	.4	.3	.6
23	3	4	3	.2	2	2	3	3	.4	3	.3	3	.0	.3	.4	.3	.3	.4	.4	.3	.4	.4	.2	.3	.3	.4
24	4	.4	2	.4	4	1	3	4	.2	4	.3	0	.2	.4	.2	.3	.3	.3	.3	.1	.1	.3	.4	.4	.3	.4
25	4	4	4	.4	3	2	.1	.3	.4	4	.4	.4	.3	.2	.3	.3	.3	.3	.4	.4	.2	.3	.2	.1	.3	.4
26	0	0	0	.0	.0	0	.0	.0	.0	0	.0	.1	.4	.4	.1	.2	.0	.3	.4	.1	.0	.0	.0	.2	.1	.4
27	1	4	4	4	3	2	4	4	.3	2	.4	4	.0	.0	.3	.3	.3	.2	.2	.1	.3	.3	.3	.3	.3	.4
28	3	3	3	.3	4	0	4	3	.3	4	.4	4	.4	3	3	.3	.3	.3	.2	.3	.3	.4	.1	.2	.3	.4
29	3	4	3	.0	3	2	.4	4	4	4	.4	4	.3	.3	.0	.2	.1	.3	.1	.2	.2	.4	.4	.4	.3	.4
30	4	4	4	4	.3	.2	.4	1	.0	0	[CA]	.0	.1	.1	.0	.2	.2	.3	.1	.2	.2	.2	.3	.2	.2	.4
31	.0	2	3	3	1	0	.0	1	.3	3	.2	3	3	3	.0	.2	.3	.3	.2	.1	.1	.3	.2	.0	.2	.3
89	1	1	1	1	1	1	1	1	.1	1	1	2	.1	.1	.1	.1	1	.2	.1	.1	.1	.1	.1	.1	.1	[ ]
90	1	2	1	2	.1	1	2	1	2	2	.2	3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	[ ]

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.0	.0	0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.1	.1	.0	.0	.0	.0	.1
2	.0	.0	0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	[CA]	.2	.3	.3	.3	.3	.0	.1	.3	.1	.0	.1	.3
3	.3	.1	.2	.0	.1	.0	.1	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.2	.0	.2	.2	.0	.0	.1	.1	.3
4	.1	.2	.0	.0	.1	.0	.2	.3	.2	.0	.2	.2	.0	.1	.1	.2	.2	.1	.0	.0	.1	.3	.3	.1	.1	.3
5	.1	.1	.2	.1	.1	.1	.1	.2	.2	.2	[CA]	.2	.1	.1	.2	.2	.2	.2	.1	.3	.1	.1	.1	.0	.1	.3
6	.1	.1	.0	.2	.2	.2	.3	.1	.0	.0	[PF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	.1	.3
7	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
8	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	.3	.3	.2	.2	.2	.1	.0	.2	.3	.3	.3	.2	.1	.2	.3
9	.3	.2	.0	.3	.3	.3	.3	.2	.3	.3	.3	.3	.3	.3	.1	.2	.2	.2	.1	.2	.3	.2	.2	.2	.2	.3
10	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.0	.1	.2	.3
11	.2	.1	.2	.1	.2	.3	.3	.3	.3	.1	.2	[CA]	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3
12	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
13	.0	.1	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1
14	.1	.0	.1	.1	.1	.1	.0	.1	.1	.1	[CA]	.0	.1	.1	.1	.1	0	.1	.1	.1	.1	.1	.1	.1	.1	.1
15	.1	.1	.1	.1	.0	.1	.1	.0	.1	.0	.0	.1	.1	.0	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1
16	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1
17	.1	.1	.1	.1	.1	.1	.0	.1	.0	.1	.1	.1	[CA]	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1
18	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1
19	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
20	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	[CA]	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
21	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1
22	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
23	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
24	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.1	.0	.1	.1
25	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
26	.1	.1	.1	.1	.2	.1	.1	.2	.1	.1	[CA]	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
27	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.2	.1	.1	.1	.0	.1	.1	.1	.1	.2
28	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.1	.1	.1	.0	.1
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.0	.1
30	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.0	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1
31	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AV	.1	1	1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1 [ ]	
SD	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1 [ ]	

OXIDES OF NITROGEN
(MICROGRAMS/CU METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PER
1	20	10	10	20	20	20	30	10	20	20	20	20	30	50	30	30	30	30	20	20	40	30	30	20	20	50
2	10	20	10	20	20	20	20	10	20	40	30	20	20	30	40	30	30	30	40	30	20	20	20	30	20	40
3	20	20	20	10	20	20	30	40	30	[CA]	20	20	20	30	20	20	30	20	20	30	30	10	20	20	20	40
4	20	20	20	20	10	10	10	0	10	10	10	20	20	20	20	30	30	20	20	20	20	20	20	10	20	30
5	10	10	10	10	10	10	10	0	10	10	10	10	20	20	20	20	20	20	20	30	30	20	20	20	20	30
6	20	20	20	20	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	20	30	20	20	20	20	30
7	20	10	10	10	10	10	10	10	10	10	20	10	20	30	20	30	20	30	30	30	20	20	20	20	20	30
8	20	20	10	20	20	20	10	10	10	10	20	10	20	20	20	20	20	20	20	10	20	10	10	10	20	20
9	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	20	20	20	20	10	10	10	10	10	10	20
10	10	10	10	10	10	10	10	20	10	10	10	10	10	20	20	10	10	10	20	10	10	10	10	10	10	20
11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	20
12	10	20	30	20	20	20	20	20	30	30	20	10	0	10	10	10	10	10	0	10	0	10	10	0	10	30
13	10	20	20	20	10	30	20	20	30	30	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	30
14	10	30	20	20	20	20	20	30	20	20	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	30
15	10	10	10	10	10	10	30	30	30	20	[CA]	10	20	10	10	20	20	20	20	10	20	10	10	10	20	30
16	10	10	0	10	10	30	30	30	30	10	10	10	20	20	20	20	20	20	20	10	10	10	10	10	20	30
17	10	10	10	10	10	10	10	10	10	10	10	10	20	20	30	20	20	20	10	10	20	10	10	10	10	30
18	10	10	10	10	10	10	20	30	30	10	10	20	10	20	20	20	10	10	10	20	10	10	10	10	10	30
19	10	10	10	10	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	30	30	20	20	30	30	20	20	20	20	20	20	30	20	30
20	30	20	30	20	20	30	30	20	20	30	20	20	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	20	50
21	10	0	10	10	10	10	10	10	10	10	40	40	40	40	40	50	50	40	40	40	40	40	30	20	30	50
22	30	30	30	30	30	30	20	20	20	30	30	40	50	50	50	50	50	40	40	40	40	30	20	20	30	50
23	30	30	30	30	30	30	30	20	30	30	30	30	40	40	40	40	40	40	40	40	40	40	40	40	30	40
24	20	30	30	30	30	30	30	30	30	30	30	30	40	40	40	40	40	40	40	40	40	40	40	40	30	40
25	40	40	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	20	30	30	30	40
26	30	30	20	20	20	20	20	20	20	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
27	30	30	30	20	20	30	30	30	30	30	30	30	30	30	30	40	40	40	40	40	40	40	40	40	30	40
28	30	40	20	30	20	20	30	40	30	40	40	40	40	40	40	40	40	30	30	30	30	30	40	40	30	40
29	40	30	30	30	30	40	40	40	40	30	30	40	30	30	30	30	30	30	30	30	40	30	30	30	30	40
30	30	20	30	30	30	30	30	30	30	30	30	30	40	40	40	40	40	40	40	30	30	30	30	30	30	40
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	20	20	20	20	20	20	20	20	20	20	20	20	20	30	30	30	30	20	20	20	20	20	20	20	20 [	]
SD	11	10	9	8	8	9	9	11	9	10	10	10	12	12	11	12	13	11	12	12	12	11	11	12	8 [	]

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	30	30	30	40	40	40	40	40	30	40	40	40	40	40	50	50	50	50	40	40	40	40	30	40	40	50
2	30	30	30	40	30	30	40	40	30	30	40	40	50	50	50	50	50	50	40	40	40	40	40	30	40	50
3	40	40	30	30	30	30	40	40	30	30	[CAL]	40	40	40	50	50	50	40	40	40	40	40	30	30	40	50
4	30	30	30	30	40	30	30	30	30	30	30	40	40	40	50	50	50	50	50	40	40	30	30	30	40	50
5	30	30	30	30	30	30	30	30	30	30	30	30	30	40	40	40	30	40	30	40	30	30	40	40	30	40
6	30	40	30	30	30	30	30	30	30	30	30	[CAL]	50	50	50	60	50	50	50	40	40	40	40	30	40	60
7	40	40	40	40	40	40	40	40	40	30	30	40	40	40	40	40	40	40	40	40	30	30	40	30	40	40
8	40	40	40	30	30	30	40	40	40	40	40	40	30	40	40	40	40	40	40	40	30	40	40	40	40	40
9	30	30	30	40	40	30	30	40	30	30	30	30	40	40	40	30	30	30	30	30	40	30	40	40	30	40
10	30	30	30	30	30	30	30	30	30	30	40	40	30	30	40	40	40	30	30	30	30	30	30	30	30	40
11	30	30	30	30	30	30	30	30	40	40	30	30	30	30	30	30	30	30	30	40	40	30	30	30	30	40
12	30	30	30	30	30	30	30	30	30	30	40	30	30	40	30	30	30	30	30	30	30	30	30	30	30	40
13	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
14	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
15	20	30	30	30	30	30	20	30	20	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
16	30	20	20	20	20	20	20	20	20	20	20	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
17	30	30	30	30	30	30	20	20	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
18	30	30	30	30	30	30	30	30	30	30	30	20	30	30	30	30	30	30	30	30	30	30	30	30	30	30
19	30	30	30	20	20	20	20	20	20	20	20	20	20	30	30	30	30	30	30	30	30	30	30	30	30	30
20	30	30	30	30	30	20	20	20	20	20	20	30	30	20	30	30	20	20	30	20	20	20	20	20	20	30
21	20	20	20	20	20	20	20	20	20	20	20	20	20	[CAL]	30	30	30	30	30	30	30	30	30	30	20	30
22	30	30	30	30	30	30	30	30	20	20	20	20	20	30	30	30	30	30	30	30	30	30	30	30	30	30
23	20	30	20	30	30	30	30	30	30	30	20	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
24	30	30	30	30	20	20	20	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	20	20	30	30
25	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
26	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	20	30	30	30	30	30	30	30	30
27	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	20	20	20	20	20	30	30
28	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	30	20	20	20	20	20	20	20	20	30
29	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
30	20	20	20	20	20	20	20	20	20	20	[CAL]	10	20	20	30	30	30	30	30	30	30	30	30	30	20	30
31	30	30	30	30	20	20	20	20	20	30	30	20	20	20	30	30	30	30	20	30	30	30	30	30	30	30
AV	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30 [	1
90	3	3	3	6	6	6	7	7	6	6	7	8	8	8	8	9	8	8	7	6	6	5	6	5	5 [	1

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	20	30	30	30	30	20	20	20	20	20	20	30	30	20	20	20	20	20	20	20	20	20	20	20	20	30
2	20	20	20	20	20	20	20	20	20	20	20	30	30	[CA]	30	30	30	30	30	30	30	20	30	30	20	30
3	30	20	20	30	20	20	20	20	20	20	20	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
4	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	20	20	20	30	30
5	30	30	30	20	30	30	30	30	20	30	[CA]	30	30	40	40	40	30	30	40	30	30	40	40	40	30	40
6	40	40	40	30	30	40	40	30	30	40	[PF]	20	30	30	30	30	30	40	30	40	40	30	40	30	30	40
7	30	30	30	30	30	30	30	30	30	30	40	40	40	30	40	30	30	40	40	30	30	30	30	30	30	40
8	30	30	30	30	40	40	40	40	[RF]	40	40	40	40	40	30	30	40	40	30	30	30	30	30	30	30	40
9	30	40	40	30	30	30	30	30	40	30	40	40	30	30	30	30	30	30	30	30	40	40	40	40	30	40
10	40	40	40	40	40	40	40	40	40	40	40	40	40	40	[RF]	[RF]	40	40	[RF]	[RF]	[RF]	40	40	40	40	40
11	50	[RF]	[RF]	[RF]	40	40	40	[RF]	[RF]	40	[RF]	[RF]	50	40	40	50	40	40	40	50	50	50	50	40	40	50
12	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	40	50	40	40	50	50
13	50	50	50	50	50	50	50	50	40	50	50	50	40	40	50	40	50	50	50	50	50	50	50	50	50	50
14	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	60	50	50	50	60
15	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	60	60	60	60	50	60
16	60	60	50	60	60	60	60	60	50	50	60	50	50	50	60	60	60	50	50	60	70	60	60	60	60	70
17	60	60	60	60	50	60	60	60	60	60	60	60	[CA]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	60	60
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
20	60	50	50	50	50	50	50	50	50	60	[CA]	50	50	50	50	50	50	50	60	60	60	60	60	50	50	60
21	60	60	60	60	60	60	60	60	60	50	60	60	50	50	50	50	50	50	50	50	60	60	60	50	60	60
22	50	50	60	50	50	50	50	50	50	50	60	50	50	50	50	50	50	50	50	50	50	50	60	60	50	60
23	50	60	60	60	60	50	60	60	50	50	50	50	40	40	40	40	30	20	20	30	30	30	30	20	40	60
24	20	20	20	20	20	20	20	20	20	20	30	20	20	20	20	20	20	20	30	30	20	20	20	20	20	30
25	20	20	20	20	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
26	20	10	10	20	10	20	10	20	10	20	[CA]	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
27	20	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
28	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	30	20	20	30	20	20	20	20	20	30
29	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
30	20	20	20	20	20	20	20	20	20	20	20	20	20	20	30	30	30	30	20	20	20	20	20	20	20	30
31	20	20	20	20	20	20	20	20	20	20	20	20	20	30	30	30	30	30	20	20	20	20	20	20	20	30
AV	40	40	40	40	30	40	40	40	30	40	40	40	40	30	40	40	40	40	30	40	40	40	40	30	40	[ ]
SD	15	16	15	15	15	15	15	15	15	14	15	14	12	12	12	12	12	12	13	13	15	15	15	14	14	[ ]

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	10	10	10	10	10	10	10	10	20
2	10	10	10	10	10	10	10	10	10	10	20	10	10	20	20	20	20	20	20	20	20	20	20	10	10	20
3	20	10	10	10	20	10	10	20	20	[CA]	20	20	20	20	20	20	20	20	10	20	20	20	20	10	20	20
4	10	10	10	10	20	10	10	10	10	10	20	10	10	20	20	20	20	10	20	20	10	10	10	10	10	20
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	20	20	20	20	20	20	10	10	10	20
6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	10	10	20	10	20
7	20	20	20	20	20	20	10	10	10	20	20	20	20	10	10	10	10	20	10	10	10	10	20	10	20	20
8	10	10	10	20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	10	20
9	10	10	10	10	10	10	10	10	10	10	10	20	10	20	10	10	10	10	10	10	10	10	10	10	10	20
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	10	10	10	10	10	10	10	20
11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
13	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
14	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
15	10	10	20	20	20	20	20	10	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20
16	10	10	10	20	20	20	20	20	20	20	20	10	10	10	10	20	10	10	20	10	10	20	10	20	20	20
17	10	10	20	20	20	20	20	10	20	20	10	10	10	10	10	10	10	10	10	10	10	10	20	20	10	20
18	10	20	20	20	20	20	20	20	20	20	20	10	30	20	20	10	10	10	10	10	10	10	20	10	20	30
19	20	20	20	20	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	10	10	20	20	10	20	20	20	20	20	20	20	20	20	20
20	30	10	10	10	10	10	10	10	10	10	10	10	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	10	30
21	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
23	10	10	10	10	10	10	10	0	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
24	10	10	10	10	10	10	10	10	10	10	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10
25	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
26	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
27	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
28	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
29	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
30	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10 [	]
SD	5	4	5	5	5	4	4	4	4	5	5	4	5	4	4	4	5	5	5	5	4	4	5	4	3 [	]

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	10	10	10	10	10	10	10	10	20
2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	20	10	10	10	10	10	10	10	20
3	10	10	10	10	10	10	10	10	10	10	10	10	20	10	20	10	10	10	10	10	10	20	10	10	10	20
4	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	10	20
5	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	10	10	10	10	10	10	10	10	10	10	20
6	10	20	20	10	10	10	10	10	10	10	10	10	20	20	20	20	20	10	10	20	10	20	10	10	10	20
7	10	20	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	20	10	10	10	10	10	10	10	20
8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	20	10	10	10	10	10	10	10	10	20
9	10	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	10	10	10	10	10	10	20
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	0	0	10	10
13	0	0	0	0	0	0	0	0	10	0	10	10	10	10	10	0	10	0	0	0	0	0	10	10	0	10
14	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10
15	10	0	0	0	10	10	10	10	10	10	10	0	0	10	10	10	0	0	0	0	0	0	0	0	0	10
16	10	10	0	0	10	10	10	0	10	0	10	10	0	10	10	10	10	0	0	0	10	0	10	10	10	10
17	0	10	10	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10
18	0	0	0	0	0	0	10	0	0	0	0	10	0	0	0	0	0	0	10	0	0	0	0	0	0	10
19	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	10	10	10	10	10	10	10	10	10	0	10
20	10	10	10	0	0	0	10	10	0	0	10	10	10	0	10	10	10	10	10	10	10	10	10	0	10	10
21	10	10	10	10	10	10	0	0	0	10	0	0	0	0	0	0	0	0	10	10	0	0	10	10	0	10
22	10	10	10	10	10	10	0	0	10	0	10	10	10	0	10	10	10	0	0	0	0	0	0	0	10	10
23	0	0	0	10	10	0	0	10	10	10	10	10	10	0	0	10	10	10	10	10	10	10	0	10	10	10
24	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	0	10
25	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
26	10	10	10	10	10	10	10	10	0	10	10	0	10	0	0	10	10	10	10	10	10	0	10	10	10	10
27	10	10	10	10	10	10	10	10	10	10	10	10	20	0	10	10	10	10	10	10	0	10	10	0	10	20
28	10	10	0	10	10	10	10	10	0	0	0	0	0	0	10	0	10	10	10	0	0	10	10	10	10	10
29	10	10	10	10	10	10	10	10	10	10	0	0	0	0	0	0	0	0	0	10	0	10	0	10	10	10
30	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
31	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10 [ ]
SD	4	5	5	4	4	4	4	4	4	4	4	5	6	6	6	6	5	5	4	5	5	5	4	4	3 [ ]

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	10	10	10	20	10	10	10	10	10	20	10	10	10	10	10	10	10	10	10	10	10	10	20
2	10	10	10	10	10	10	10	10	10	10	10	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10	10
3	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
6	10	10	10	10	10	10	10	10	10	[PF]	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20
8	10	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	10	10	10	10	10	10	20
9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10	10	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	10	10	10	10	10	10	20
11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
14	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
15	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
17	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10	20	10	10	10	10	10	10	10	20
18	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
19	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
20	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20
21	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10
23	10	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
24	10	10	10	0	10	0	0	0	10	0	0	0	10	0	0	0	0	0	0	0	0	0	10	10	0	10
25	0	10	0	0	0	0	0	0	0	0	0	10	10	0	0	0	0	0	10	0	10	0	0	0	0	10
26	0	0	0	0	10	10	0	10	0	0	10	0	0	0	0	0	10	10	10	10	0	10	10	0	0	10
27	0	0	0	0	0	10	10	0	0	0	0	10	10	0	10	10	0	10	0	0	0	0	0	10	0	10
28	10	0	0	0	0	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
29	0	0	0	0	10	10	0	0	0	0	0	0	0	0	10	10	0	0	0	0	0	0	0	0	0	10
30	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
31	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10 [ ]	
SD	4	4	4	5	4	3	5	4	4	5	5	5	4	4	4	4	4	5	4	4	4	4	4	4	4 [ ]	

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	10	0	0	0	0	0	0	20	0	0	0	10	0	0	20	10	10	0	0	20
2	0	0	0	0	0	0	0	0	0	20	0	10	10	0	10	0	10	10	10	10	0	0	0	10	0	20
3	0	0	0	0	0	0	10	10	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
4	0	0	10	0	0	0	0	0	0	0	0	0	10	0	0	0	10	0	0	0	10	10	0	0	0	10
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10	10	0	0	0	0	10
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	10	0	0	0	0	10
7	0	0	0	0	0	0	0	0	0	0	0	0	10	0	20	10	10	0	10	10	10	0	0	10	0	20
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	10	0	10	0	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
13	0	10	10	0	0	10	0	0	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
14	0	10	10	10	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
15	0	0	0	0	0	0	0	10	10	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
16	0	0	0	0	0	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	10
18	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
19	0	0	0	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	10	10	0	0	10	0	0	0	0	0	0	0	0	0	10
20	10	0	10	0	0	10	10	0	0	20	0	0	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	20
21	0	0	10	10	10	10	10	0	10	10	30	20	20	20	30	30	30	30	20	20	20	20	20	10	20	30
22	20	20	10	20	10	20	10	10	10	20	10	20	30	30	30	40	30	30	30	20	20	20	10	10	20	40
23	20	20	20	20	20	20	10	20	20	20	20	20	20	30	30	30	20	30	30	30	20	20	20	20	20	30
24	20	20	20	20	20	20	20	20	20	20	20	20	30	20	20	30	20	20	20	20	20	20	20	30	20	30
25	20	30	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	10	20	20	20	30
26	20	20	20	20	10	10	10	10	10	20	10	20	20	20	20	10	20	20	20	20	20	10	10	20	20	20
27	20	20	10	0	10	10	10	10	10	10	10	20	20	20	20	20	20	30	30	30	30	30	20	30	20	30
28	20	20	10	10	10	0	10	20	10	20	20	20	20	30	20	20	20	10	10	20	10	20	20	20	20	30
29	20	20	20	20	20	20	20	20	20	20	20	20	20	10	20	20	30	20	20	20	20	20	20	20	20	20
30	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	10	20	20	20	10	20	20
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10 [	]
55	9	10	9	8	8	8	7	8	8	9	9	9	10	11	11	12	10	11	11	10	10	9	9	10	8 [	]

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	20	20	20	20	20	20	20	20	20	20	20	30	30	20	20	20	20	30	30	20	20	20	20	20	20	30
2	20	20	20	20	20	20	20	30	20	20	20	20	30	30	20	20	30	20	20	20	20	20	20	20	20	30
3	20	20	20	20	20	20	20	20	20	10	[CA]	20	20	20	20	30	20	20	20	20	20	20	20	20	20	30
4	20	20	20	20	30	20	10	10	10	20	10	20	20	20	20	30	20	30	20	20	20	20	10	10	20	30
5	10	20	20	10	20	10	10	10	10	20	20	10	10	10	10	20	10	20	10	20	10	10	10	20	10	20
6	20	10	10	10	10	20	10	10	10	10	10	[CA]	30	20	30	30	20	30	20	20	20	20	20	10	20	30
7	20	10	20	20	10	20	10	20	20	20	20	20	10	20	20	10	20	20	20	10	20	20	20	20	20	20
8	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
9	20	10	20	20	20	20	20	20	20	10	20	0	20	20	20	20	10	20	20	20	20	20	20	20	20	20
10	20	20	20	20	10	20	20	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
11	20	20	20	20	20	20	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
12	20	20	20	20	20	20	20	10	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
13	30	20	20	20	20	30	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	30
14	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
15	20	20	20	20	20	20	20	20	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
16	20	20	20	20	20	20	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
17	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	10	20	20	20	20	20	20	20	20	20
18	20	20	20	20	20	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
19	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
20	10	10	20	20	20	20	10	20	20	20	10	20	20	20	20	10	10	10	20	10	10	10	10	20	20	20
21	10	10	10	10	10	10	20	20	10	10	20	20	20	[CA]	20	30	30	30	20	20	20	30	20	20	20	30
22	20	20	10	20	20	20	20	20	20	20	20	20	10	20	20	20	20	20	20	20	20	20	20	20	20	20
23	20	20	20	20	20	30	20	20	10	20	10	10	10	20	20	20	20	20	20	20	20	20	30	20	20	30
24	20	20	20	30	20	20	20	20	20	20	20	20	20	20	30	20	20	20	20	20	20	20	20	20	20	30
25	20	20	10	10	10	10	10	10	10	10	20	20	10	10	20	10	10	20	10	20	20	20	10	10	10	20
26	20	10	10	10	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	10	20	20	20	20	20	20
27	20	20	20	20	20	10	10	20	10	10	20	10	0	20	20	20	20	20	10	10	20	10	10	20	20	20
28	10	10	10	10	10	10	10	10	20	10	20	20	20	20	20	20	20	10	10	10	10	0	0	0	10	20
29	10	10	10	10	10	10	10	10	10	10	20	20	20	10	20	20	20	20	20	10	20	10	10	10	10	20
30	10	10	10	10	10	10	0	0	0	0	[CA]	0	0	10	20	20	10	10	10	10	10	10	10	10	10	20
31	10	10	0	10	0	0	10	10	0	10	10	0	0	0	0	0	10	10	0	0	10	10	10	10	10	10
AV	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20 [	]
SD	5	5	3	5	6	6	6	6	6	5	4	7	8	5	5	6	5	5	5	5	4	6	6	5	4 [	]

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 14 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	10	0	10	0	0	0	0	0	10	0	0	0	0	0	0	10	0	10	10	0	0	0	10
2	0	0	0	0	10	10	10	10	10	0	10	10	10	[CA]	10	20	10	10	20	20	10	10	10	20	10	20
3	20	10	10	20	10	20	10	10	20	10	10	20	20	20	10	20	20	10	20	20	20	20	10	20	20	20
4	20	20	20	20	20	20	20	10	10	20	20	20	20	20	20	20	20	20	20	20	10	10	10	10	20	20
5	10	20	10	10	10	10	10	10	10	20	[CA]	20	20	20	20	30	20	20	20	20	20	20	30	20	20	30
6	30	30	20	20	20	20	20	20	20	[RF]	[RF]	10	20	10	20	20	10	20	10	20	20	10	20	20	20	30
7	20	10	20	10	10	10	10	10	10	20	20	20	20	10	20	20	20	20	20	10	10	10	10	10	10	20
8	20	20	20	20	20	20	20	20	[RF]	20	30	10	20	20	20	20	20	20	20	10	20	20	20	20	20	30
9	20	20	20	10	20	20	20	20	20	20	20	20	20	20	20	10	20	20	20	20	20	20	20	20	20	20
10	20	30	20	20	30	20	20	20	20	20	20	10	20	20	[RF]	[RF]	20	30	[RF]	[RF]	[RF]	20	20	20	20	30
11	30	[RF]	[RF]	[RF]	20	30	20	[RF]	[RF]	20	[RF]	[RF]	30	30	20	30	30	20	30	20	30	30	30	30	30	30
12	30	30	30	40	40	40	30	30	30	40	40	30	40	40	40	40	30	30	30	40	30	40	30	30	30	40
13	40	30	30	30	30	20	30	30	20	30	40	30	30	30	30	20	30	30	40	30	20	30	30	30	30	40
14	30	30	30	30	30	30	40	30	30	40	40	30	40	30	40	30	30	40	40	40	40	40	40	40	30	40
15	30	40	40	40	40	30	40	40	40	40	40	40	40	40	40	40	30	40	40	40	40	50	50	40	40	50
16	40	40	40	40	40	40	40	40	30	40	50	40	40	40	40	40	40	40	40	50	50	40	40	50	40	50
17	50	40	40	50	40	50	40	40	40	40	40	50	[CA]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	40	50
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
20	40	30	50	30	30	30	30	40	40	40	[CA]	40	40	40	40	40	40	40	40	40	40	40	40	40	40	50
21	40	50	50	40	50	40	40	40	40	40	40	40	40	40	40	40	30	40	40	40	40	50	50	40	40	50
22	40	30	40	30	40	40	40	40	40	40	40	30	30	40	40	40	40	40	40	40	40	40	50	50	40	50
23	40	40	40	40	40	40	40	40	40	40	50	40	30	30	20	20	20	10	10	10	20	20	20	20	30	50
24	10	10	20	20	10	10	20	10	10	10	20	20	20	20	10	20	20	20	20	20	20	20	10	10	20	20
25	10	0	10	10	10	10	10	10	10	20	10	10	20	10	10	10	20	10	10	20	10	10	10	20	10	20
26	10	10	10	10	0	10	10	10	10	10	[CA]	10	20	10	10	20	10	10	10	10	10	10	10	10	10	20
27	10	10	10	10	10	10	10	10	10	10	20	20	10	10	10	10	20	20	20	20	20	20	10	0	10	20
28	10	10	20	20	10	10	20	10	10	20	10	10	10	20	20	20	20	20	20	20	20	20	20	20	20	20
29	20	20	10	20	10	10	10	10	20	10	20	20	20	10	10	10	10	10	10	20	20	20	20	20	20	20
30	10	20	20	20	10	20	10	10	20	10	10	10	20	20	20	30	30	30	20	10	20	20	20	20	20	30
31	10	20	20	10	10	20	20	20	20	20	10	20	20	30	20	20	20	30	20	20	20	20	20	20	20	30
AV	20	20	20	20	20	20	20	20	20	20	30	20	20	20	20	20	20	20	20	20	20	20	20	20	20 [ ]	
SD	13	13	13	12	14	12	12	13	12	13	14	12	11	12	12	11	10	12	11	12	11	12	14	13	11 [ ]	

OZONE
(MICROGRAMS/CU METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	60	50	40	40	30	30	30	30	20	30	50	70	70	80	80	80	70	60	60	50	60	50	40	40	50	80
2	30	30	30	20	20	30	20	20	20	20	30	50	60	70	70	70	60	50	50	50	40	40	40	30	40	70
3	30	30	30	30	30	20	20	20	20	[CA]	30	50	60	70	70	70	60	60	60	60	50	50	40	40	40	70
4	30	30	30	30	20	20	20	20	20	20	30	50	70	80	70	70	60	50	50	50	50	40	40	30	40	80
5	30	30	20	20	20	20	20	20	20	20	40	50	60	70	80	80	60	50	50	50	40	50	40	40	40	80
6	40	30	30	30	30	20	20	30	30	40	60	60	70	70	80	90	70	70	80	80	70	70	70	70	50	90
7	80	80	70	60	50	50	50	40	40	50	60	80	80	80	80	80	80	70	70	70	70	70	70	70	70	80
8	60	60	50	50	40	30	50	50	50	50	60	60	60	70	70	70	70	50	50	60	60	60	50	50	60	70
9	50	50	50	50	60	50	50	50	50	60	70	70	80	80	80	80	70	60	60	70	50	50	50	40	60	80
10	40	40	40	40	40	40	40	40	30	40	40	50	50	50	50	50	50	50	60	70	70	70	70	60	50	70
11	50	60	60	60	60	60	60	60	50	50	60	60	70	70	70	80	70	70	70	60	60	60	60	50	60	80
12	50	40	40	40	40	40	40	40	30	40	50	50	60	60	70	70	60	50	50	60	50	50	50	40	50	70
13	40	40	40	30	30	30	30	30	30	30	40	60	60	60	70	70	60	50	50	50	50	50	40	40	50	70
14	40	30	30	30	30	30	30	20	20	30	40	50	60	60	70	70	60	60	50	50	50	50	40	40	40	70
15	40	40	40	30	30	30	30	30	30	30	[CA]	50	50	60	70	70	60	50	50	50	50	50	40	40	40	70
16	40	30	30	30	30	30	30	20	20	30	30	50	60	70	80	80	60	60	60	60	50	50	40	40	50	80
17	40	40	40	40	40	40	40	30	30	30	40	50	70	70	70	70	50	60	50	50	50	50	50	50	50	70
18	50	40	40	40	40	30	30	30	30	40	50	60	60	60	70	60	70	70	60	60	50	50	50	50	50	70
19	50	50	50	50	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	60	60	60	60	60	60	60	60	60	60	60	60	50	60	60
20	50	50	50	50	50	50	40	40	40	40	50	60	[CA]	[CA]	[CA]	[CA]	60	50	50	50	50	50	40	40	50	60
21	30	40	30	40	40	30	40	40	40	40	30	50	50	60	60	60	60	50	50	50	50	40	40	40	50	60
22	30	30	30	30	30	30	30	30	30	40	40	50	50	50	60	60	60	50	40	40	40	40	40	40	40	60
23	40	30	40	30	40	40	30	30	30	30	40	40	50	60	60	60	60	50	60	40	40	40	40	40	40	60
24	30	30	40	40	40	40	40	30	30	30	30	40	40	50	50	50	50	50	40	50	50	50	50	50	40	50
25	60	60	60	60	60	60	60	60	60	50	60	60	60	60	60	60	50	50	50	50	50	50	50	50	60	60
26	40	40	30	40	40	40	40	40	40	40	40	40	50	50	60	50	40	40	40	40	40	40	40	30	40	60
27	30	30	40	30	30	30	30	30	30	30	40	40	40	50	50	50	50	50	40	40	40	40	40	40	40	50
28	40	40	40	40	40	40	40	40	40	40	50	50	60	70	70	70	70	70	70	70	70	70	70	70	60	70
29	70	70	70	70	70	60	60	60	60	60	50	50	50	60	60	60	60	60	60	60	60	60	60	60	60	70
30	60	60	60	60	60	50	60	60	60	50	50	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	40	40	40	40	40	40	40	40	40	30	40	50	50	60	60	70	70	60	60	60	60	50	50	50	50	[ ]
SD	13	14	12	13	13	12	13	13	12	11	11	9	10	9	9	10	8	8	10	10	9	9	11	11	8	[ ]

ONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY OF MONTH	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	60	60	60	60	60	60	60	60	60	60	60	70	70	60	70	70	60	60	50	50	50	50	50	40	60	70
2	40	40	40	40	40	30	30	30	30	30	40	50	50	60	60	60	60	60	50	40	40	40	30	30	40	60
3	40	40	30	30	30	30	20	30	30	30	[CA]	40	40	50	50	60	50	40	50	50	40	40	20	30	40	60
4	30	30	30	30	30	30	20	20	20	20	30	30	40	50	50	50	50	50	40	40	30	30	30	30	30	50
5	30	30	30	30	30	30	30	30	30	30	30	30	40	40	40	50	50	40	40	40	40	40	30	30	30	50
6	30	30	30	30	30	30	20	30	30	30	40	[CA]	60	60	70	70	60	50	60	50	50	50	40	40	40	70
7	30	40	30	30	40	30	30	30	30	30	30	30	50	60	60	50	40	50	50	40	40	30	30	30	40	60
8	30	30	30	30	30	30	30	30	30	30	30	30	40	50	50	50	50	40	40	30	30	30	30	30	30	50
9	30	30	30	20	20	20	20	20	20	30	30	30	30	40	40	40	40	40	40	40	40	30	40	40	30	40
10	30	30	30	30	30	30	40	30	30	30	30	30	30	30	30	30	40	40	40	40	40	40	40	40	30	40
11	30	30	30	30	30	30	30	30	30	30	30	30	30	30	40	40	40	40	40	40	30	30	30	30	30	40
12	40	40	30	30	30	30	30	30	30	30	30	30	60	60	60	60	60	60	60	60	60	60	60	50	50	60
13	50	60	50	50	40	40	30	40	40	40	60	60	60	60	60	70	60	50	60	60	60	60	60	60	50	70
14	60	60	60	50	50	30	50	50	50	50	50	60	60	60	60	60	60	60	60	60	60	60	60	50	60	60
15	50	50	50	40	40	40	40	40	40	40	40	40	50	50	50	50	50	50	50	50	50	50	50	50	50	50
16	60	50	60	60	50	60	50	50	50	50	50	50	60	60	60	60	60	60	60	50	60	50	50	50	60	60
17	50	50	50	50	50	70	50	50	50	50	50	[RF]	50	50	60	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	50	60
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	50	50	50	50	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	50	50	50	50	[RF]	[RF]	50	50
21	50	60	60	[RF]	[RF]	70	50	50	40	40	40	50	50	[CA]	[RF]	[RF]	60	60	70	70	[RF]	[RF]	70	70	60	70
22	70	70	70	60	60	60	60	60	50	50	50	50	50	70	70	70	70	70	70	70	70	60	60	60	60	70
23	60	60	60	50	50	50	50	50	50	50	50	60	60	60	70	80	70	60	60	60	70	70	70	70	60	80
24	60	60	60	60	50	50	50	50	50	50	50	50	50	60	60	60	60	60	60	60	60	60	60	60	60	60
25	60	60	50	50	50	50	50	60	50	50	60	60	70	70	70	70	70	70	70	70	70	70	60	60	60	70
26	60	60	60	50	50	50	50	50	50	50	50	60	60	60	70	70	60	60	60	60	60	60	60	60	60	70
27	60	50	50	50	50	50	50	50	50	50	50	60	70	70	70	80	80	70	70	70	70	70	70	70	60	80
28	60	60	60	60	60	60	60	60	60	50	50	50	60	60	70	70	60	60	60	60	50	50	50	60	60	70
29	60	50	50	50	50	60	50	50	50	50	50	50	50	60	60	60	60	50	60	60	50	50	50	50	50	60
30	50	50	50	50	50	50	50	50	50	40	[CA]	50	60	60	70	80	80	80	80	70	70	70	70	70	60	80
31	70	70	70	70	70	60	70	70	70	70	70	70	70	70	60	60	60	60	60	60	60	50	50	50	60	70
AV	50	50	50	40	40	40	40	40	40	40	40	50	50	60	60	60	60	60	60	50	50	50	50	50	50	[ ]
SD	14	13	14	13	12	13	13	13	12	11	11	13	12	11	11	13	11	11	11	11	13	13	14	14	11	[ ]

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	50	50	50	50	50	50	40	50	40	40	40	40	50	50	50	50	50	50	50	50	50	50	50	50	50	50
2	50	40	40	50	50	50	50	50	50	50	50	50	50	[CA]	50	50	60	60	50	50	50	50	50	50	50	60
3	50	60	60	50	50	50	50	50	50	50	50	50	60	60	60	60	60	60	60	60	60	70	70	60	60	70
4	60	60	60	60	60	60	60	60	50	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
5	60	60	60	50	50	50	50	50	50	50	[CA]	60	60	60	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	50	60
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	70	80	80	80	90	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	80	90
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	90	90	100	100	100	90	90	90	90	90	90	90	90	100
12	80	90	90	90	80	90	80	90	80	80	80	80	90	90	100	90	100	90	90	80	80	80	820	80	120	820
13	90	90	90	80	80	80	80	80	70	70	70	70	70	80	80	80	80	80	80	80	80	80	70	70	80	90
14	70	70	70	70	70	70	70	60	60	60	70	70	70	80	100	90	90	90	90	90	90	90	90	90	80	100
15	80	80	80	80	80	80	80	80	70	70	70	80	90	100	100	90	90	90	90	90	90	90	90	90	80	100
16	90	90	90	90	80	80	90	70	70	70	70	80	80	80	80	90	90	90	90	100	90	90	90	90	80	100
17	90	80	80	80	70	70	70	70	60	60	60	60	[CA]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	70	90
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	70	70	80	80	90	90	90	80	80	80	80	80	80	80	80	90
20	70	70	70	70	70	70	70	70	70	60	[CA]	70	70	80	80	80	80	80	80	80	80	80	70	70	70	80
21	80	70	70	70	70	70	70	70	70	60	70	70	70	80	90	90	80	80	90	90	90	90	90	80	80	90
22	80	80	80	70	70	70	70	70	70	70	70	70	70	80	90	90	90	80	80	90	90	90	90	90	80	90
23	80	80	80	80	80	70	70	70	70	70	70	70	70	80	90	90	90	80	90	90	90	100	100	100	80	100
24	100	90	90	80	80	80	80	80	80	80	90	90	90	100	100	100	100	100	100	100	100	100	90	80	90	100
25	80	80	80	80	70	70	70	70	70	70	70	90	100	100	120	110	100	100	100	100	100	90	90	90	90	120
26	80	80	90	80	80	80	80	80	80	70	[CA]	90	90	100	100	110	100	110	100	90	100	100	100	100	90	110
27	100	100	100	100	100	90	80	80	80	80	80	100	110	120	120	120	130	120	110	100	90	100	90	90	100	120
28	90	90	90	90	90	90	90	100	80	80	80	90	100	110	120	120	120	120	120	120	130	130	140	140	110	140
29	130	120	110	100	90	90	90	110	90	90	80	100	120	120	110	110	110	100	100	100	110	100	100	90	100	130
30	80	80	80	80	80	90	80	80	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	80	90
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
AV	80	80	80	80	70	70	70	70	70	70	70	70	80	90	90	90	90	90	90	90	90	90	120	80	80	[ ]
SD	18	17	16	15	14	14	14	15	13	12	12	15	18	18	20	20	19	18	18	17	19	18	158	19	17	[ ]

SCATTERING COEFFICIENT
(1/(1000 M))

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 14 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.03	.03	.03	.03	.03	.04	.04	.04	.05	.04	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.05
2	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.01	.01	.02	.01	.02	.02	.02	.02	.02	.02	.03
3	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
4	.03	.02	.02	.03	.03	.03	.02	.03	.02	.03	.02	.02	.02	.03	.02	.02	.02	.02	.03	.02	.02	.03	.03	.03	.02	.03
5	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03
6	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.03	.03	.03
7	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.02	.03
8	.01	.01	.01	.01	.01	.02	.02	.02	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.01	.02
9	.02	.03	.03	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.01	.01	.01	.01	.02	.01	.02	.02	.02	.02	.02	.03
10	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.01	.01	.02	.02	.02	.02	.03
11	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.03	.02	.03	.02	.02	.02	.02	.02	.02	.02	.03
12	.02	.02	.02	.03	.03	.03	.02	.03	.02	.03	.02	.02	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.03
13	.02	.02	.03	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.03	.02	.03
14	.02	.02	.03	.03	.03	.03	.02	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03
15	.03	.03	.03	.02	.03	.03	.03	.03	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.03	.02	.03
16	.03	.03	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.03	.02	.03	.03	.03	.03	.03	.03
17	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.04	.04	.04	.03	.04
18	.04	.05	.06	.06	.06	.06	.07	.07	.07	.06	.06	.07	.07	.06	.06	.06	.05	.06	.06	.05	.03	.03	.03	.03	.06	.07
19	.03	.03	.03	.03	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03
20	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.04	.03	.04
21	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
22	.05	.06	.05	.05	.06	.06	.05	.06	.06	.05	.06	.07	.06	.05	.05	.05	.05	.05	.05	.06	.05	.06	.06	.05	.05	.07
23	.05	.05	.05	.05	.06	.05	.05	.05	.05	.05	.04	.05	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.04	.05	.05	.06
24	.05	.05	.05	.04	.05	.05	.05	.05	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.04	.05
25	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03
26	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.04
27	.04	.04	.05	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.06	.05	.05	.05	.05	.05	.05	.05	.06	.06	.06	.05	.06
28	.06	.06	.06	.07	.07	.06	.06	.06	.06	.06	.05	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.07
29	.03	.03	.03	.03	.04	.03	.03	.04	.03	.03	.03	.03	.03	.04	.04	.04	.05	.04	.04	.04	.04	.04	.04	.04	.04	.05
30	.04	.03	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	.03	.03	.02	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	[ ]
SD	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	[ ]

SCATTERING COEFFICIENT
(1/(1000 M))

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 14 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03
2	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.04
3	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.05
4	.04	.04	.04	.04	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.04	.04	.04	.05	.05	.05	.05	.04	.05
5	.05	.04	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.04	.04	.04	.04	.04	.04	.04	.05	.05	.04	.05
6	.05	.05	.05	.05	.05	.05	.05	.05	.06	.05	.05	.05	.05	.04	.04	.04	.04	.05	.05	.06	.06	.06	.06	.06	.05	.06
7	.06	.07	.07	.06	.06	.06	.06	.06	.06	.06	.05	.05	.06	.05	.05	.06	.06	.06	.07	.07	.07	.07	.07	.08	.06	.08
8	.08	.08	.08	.07	.07	.07	.08	.09	.07	.07	.07	.07	.06	.06	.07	.07	.06	.06	.06	.06	.06	.07	.06	.06	.07	.09
9	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.03	.04	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05
10	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.13	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.13
11	.04	.04	.03	.04	.04	.03	.04	.04	.04	.04	.05	.05	.04	.04	.04	.05	.04	.03	.04	.04	.04	.04	.04	.05	.04	.05
12	.04	.04	.04	.05	.04	.04	.05	.05	.05	.05	.05	.05	.06	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06
13	.05	.05	.05	.05	.05	.05	.06	.05	.05	.05	.04	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.04	.06
14	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.04	.03	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.04	.05
15	.05	.05	.05	.05	.05	.06	.06	.06	.06	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.06	.05	.06	.05	.06
16	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.05	.05	.05	.05	.05	.05	.05	.06	.06	.05	.05	.05	.06	.06	.06
17	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.05	.04	.04	.04	.04	.05	.04	.04	.05	.04	.04	.04	.05	.05	.04	.05
18	.05	.05	.04	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.04	.03	.04	.04	.05	.04	.04	.04	.04	.04	.05
19	.03	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.05	.06	.06	.07	.06	.06	.06	.06	.07	.05	.07
20	.06	.06	.06	.06	.06	.05	.05	.05	.05	.05	.04	.05	.04	.04	.04	.05	.05	.05	.05	.05	.06	.06	.05	.05	.05	.06
21	.05	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.05	.05	.05	.05	.05	.05	.06	.06	.07	.08	.09	.08	.08	.06	.09
22	.07	.07	.08	.08	.08	.07	.07	.07	.07	.07	.06	.06	.05	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.08
23	.06	.06	.07	.07	.07	.06	.06	.06	.06	.06	.05	.06	.06	.06	.07	.07	.07	.06	.07	.06	.08	.09	.08	.08	.07	.09
24	.08	.08	.08	.08	.08	.07	.07	.07	.07	.08	.08	.07	.07	.08	.08	.09	.10	.11	.11	.12	.12	.10	.12	.11	.09	.12
25	.10	.10	.10	.10	.09	.09	.08	.08	.08	.08	.08	.06	.07	.07	.07	.07	.07	.08	.06	.06	.05	.06	.06	.07	.08	.10
26	.07	.07	.06	.06	.06	.06	.06	.06	.06	.06	.07	.07	.06	.06	.06	.07	.07	.07	.07	.07	.07	.06	.07	.08	.07	.08
27	.08	.07	.07	.07	.07	.07	.07	.07	.07	.07	.06	.05	.04	.04	.03	.03	.05	.04	.03	.03	.03	.03	.03	.03	.05	.08
28	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04
29	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03
30	.03	.03	.03	.04	.04	.04	.04	.04	.03	.04	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.04	.04
31	.03	.03	.03	.03	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.04
AV	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	[ ]
SD	.02	.02	.02	.02	.02	.01	.01	.02	.02	.01	.02	.01	.01	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	[ ]

SCATTERING COEFFICIENT
(1/(1000 M))

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 14 APR 76 *
****

SUBJECT TO REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
2	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.05	.04	.05	.04	.04	.05	.05
3	.05	.05	.05	.05	.05	.05	.04	.05	.05	.05	.05	.04	.04	.05	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
4	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.05	.05
5	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.06	.06	.06	.05	.06
6	.05	.06	.06	.06	.06	.06	.05	.06	.05	.05	[FF]	.05	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.04	.05	.05	.06
7	.05	.04	.04	.04	.04	.03	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.05
8	.04	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.06	.06	.05	.06
9	.06	.06	.06	.06	.06	.06	.06	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.06	.05	.06
10	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.06	.05	.04	.03	.03	.04	.04	.04	.04	.05	.04	.05	.05	.05	.05	.06
11	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.04	.05
12	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.05	.05	.04	.03	.03	.03	.03	.03	.03	.04	.06
13	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03
14	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.04	.03	.04
15	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.05	.04	.05
16	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.04	.05	.05	.05	.05	.05	.04	.05
17	.05	.05	.05	.05	.05	.04	.05	.04	.04	.05	.05	.05	.04	.03	.03	.03	.03	.04	.04	.04	.04	.04	.05	.05	.04	.05
18	.05	.05	.05	.05	.05	.05	.04	.05	.04	.04	.05	.05	.05	.04	.04	.04	.05	.06	.06	.06	.06	.06	.06	.05	.05	.06
19	.04	.03	.03	.03	.03	.06	.05	.05	.05	.04	.05	.05	.04	.03	.02	.02	.03	.03	.04	.04	.04	.04	.04	.04	.04	.06
20	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.04	.04	.05	.05	.05	.05	.05	.05	.04	.05
21	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.05	.05	.05	.05	.06	.06	.07	.07	.07	.07	.05	.07
22	.06	.06	.06	.06	.06	.06	.06	.05	.06	.06	.05	.05	.05	.05	.06	.06	.06	.06	.06	.07	.07	.07	.08	.07	.06	.08
23	.07	.07	.08	.07	.07	.07	.07	.06	.06	.06	.06	.06	.06	.06	.06	.07	.07	.07	.08	.06	.09	.10	.10	.10	.07	.10
24	.10	.09	.09	.09	.10	.09	.10	.09	.09	.09	.09	.09	.08	.08	.08	.08	.07	.07	.06	.07	.07	.06	.06	.06	.08	.10
25	.07	.06	.07	.07	.06	.06	.06	.06	.06	.06	.06	.05	.06	.06	.05	.04	.03	.03	.03	.03	.04	.04	.04	.04	.05	.07
26	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04
27	.04	.04	.04	.04	.04	.05	.04	.05	.05	.04	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.05
28	.04	.04	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05
29	.05	.04	.05	.04	.04	.05	.04	.05	.05	.05	.04	.04	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.05
30	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04
31	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03	.04
AV	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05 [ ]	
SD	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01 [ ]	

LOCAL VISUAL RANGE
(KILOMETERS)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	168.	142.	139.	142.	142.	124.	121.	109.	104.	118.	134.	162.	188.	247.	276.	261.	276.	294.	235.	214.	224.	196.	204.	157.	182.	294.
2	168.	181.	174.	157.	137.	152.	157.	168.	157.	174.	174.	195.	261.	313.	276.	392.	336.	313.	336.	235.	214.	247.	261.	235.	226.	392.
3	235.	235.	235.	235.	235.	235.	235.	235.	235.	235.	235.	261.	276.	336.	294.	313.	276.	294.	247.	224.	214.	224.	204.	214.	247.	336.
4	168.	196.	196.	188.	181.	181.	196.	181.	204.	181.	196.	214.	224.	181.	235.	247.	247.	235.	188.	204.	204.	174.	168.	162.	199.	247.
5	174.	168.	157.	142.	168.	152.	181.	152.	168.	157.	188.	204.	188.	247.	313.	294.	261.	261.	247.	204.	224.	204.	168.	168.	201.	313.
6	188.	196.	196.	157.	157.	181.	181.	188.	188.	174.	157.	174.	168.	204.	261.	261.	247.	235.	224.	214.	188.	174.	196.	188.	197.	261.
7	168.	188.	162.	162.	147.	174.	174.	147.	157.	174.	204.	196.	261.	247.	336.	336.	247.	276.	313.	294.	261.	362.	470.	522.	250.	522.
8	522.	522.	470.	392.	392.	313.	294.	313.	336.	362.	313.	294.	261.	362.	336.	362.	362.	336.	313.	294.	247.	214.	235.	204.	335.	522.
9	120.	151.	161.	214.	235.	247.	196.	168.	174.	235.	204.	214.	294.	313.	392.	392.	362.	392.	294.	336.	261.	235.	261.	294.	260.	392.
10	188.	204.	214.	224.	235.	214.	224.	224.	214.	204.	204.	235.	224.	235.	276.	276.	224.	181.	168.	362.	362.	294.	294.	313.	242.	362.
11	336.	313.	247.	204.	224.	235.	261.	276.	247.	204.	261.	294.	276.	336.	313.	276.	235.	181.	224.	261.	224.	261.	276.	204.	257.	336.
12	196.	214.	188.	157.	174.	188.	196.	168.	196.	181.	235.	235.	276.	261.	294.	336.	336.	294.	261.	294.	247.	247.	204.	214.	233.	336.
13	224.	214.	174.	204.	196.	224.	181.	196.	204.	196.	235.	235.	247.	235.	276.	294.	336.	276.	235.	247.	214.	235.	214.	188.	228.	336.
14	204.	196.	174.	157.	181.	188.	188.	181.	188.	174.	188.	204.	214.	235.	247.	235.	235.	276.	235.	204.	204.	224.	204.	204.	206.	276.
15	168.	174.	188.	196.	168.	174.	181.	168.	196.	188.	214.	224.	204.	247.	313.	313.	276.	261.	214.	214.	204.	181.	196.	168.	215.	313.
16	174.	181.	188.	169.	157.	160.	196.	181.	188.	181.	174.	174.	196.	204.	247.	276.	261.	235.	188.	196.	174.	157.	147.	162.	191.	276.
17	137.	162.	152.	134.	142.	134.	134.	118.	121.	142.	147.	138.	168.	152.	162.	152.	134.	127.	134.	138.	134.	121.	118.	118.	139.	168.
18	118.	104.	88.0	77.0	80.0	77.0	70.0	67.0	69.0	82.0	76.0	71.0	69.0	73.0	80.0	84.0	87.0	85.0	82.0	98.0	157.	147.	168.	174.	95.0	174.
19	181.	169.	168.	157.	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	196.	247.	174.	168.	174.	162.	157.	152.	168.	174.	174.	174.	181.	175.	247.
20	168.	162.	162.	157.	157.	152.	142.	139.	138.	157.	157.	181.	168.	174.	157.	174.	152.	136.	147.	152.	131.	134.	142.	131.	153.	181.
21	113.	115.	121.	124.	127.	131.	124.	124.	124.	118.	115.	95.0	92.0	90.0	96.0	93.0	109.	90.0	100.	96.0	100.	96.0	87.0	94.0	108.	131.
22	92.0	82.0	67.0	89.0	85.0	85.0	59.0	84.0	85.0	90.0	82.0	89.0	81.0	90.0	92.0	92.0	90.0	90.0	87.0	80.0	89.0	85.0	81.0	87.0	86.0	92.0
23	90.0	94.0	94.0	87.0	84.0	94.0	94.0	98.0	102.	100.	109.	102.	109.	121.	112.	127.	131.	118.	110.	112.	100.	104.	112.	96.0	104.	131.
24	94.0	100.	98.0	107.	98.0	96.0	100.	102.	109.	112.	124.	136.	138.	142.	147.	134.	136.	147.	152.	127.	147.	147.	136.	147.	124.	152.
25	147.	152.	142.	152.	188.	147.	142.	168.	168.	168.	168.	157.	152.	188.	188.	181.	181.	152.	168.	162.	134.	152.	157.	152.	161.	188.
26	142.	133.	152.	142.	134.	134.	134.	124.	131.	138.	124.	134.	121.	139.	142.	162.	152.	142.	142.	136.	152.	136.	139.	127.	139.	162.
27	124.	110.	102.	109.	107.	107.	109.	118.	118.	104.	102.	104.	104.	84.0	92.0	94.0	100.	96.0	89.0	89.0	89.0	84.0	82.0	82.0	100.	124.
28	84.0	75.0	76.0	72.0	72.0	73.0	75.0	77.0	77.0	81.0	96.0	107.	134.	181.	174.	152.	162.	162.	134.	157.	168.	168.	168.	168.	121.	181.
29	137.	157.	152.	134.	127.	142.	138.	127.	134.	147.	157.	147.	142.	121.	127.	115.	102.	115.	127.	124.	118.	124.	127.	131.	133.	157.
30	127.	133.	141.	131.	142.	134.	134.	134.	130.	134.	138.	157.	162.	168.	174.	162.	168.	168.	147.	168.	168.	174.	168.	174.	152.	174.
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	177.	176.	167.	159.	162.	161.	161.	157.	161.	162.	170.	177.	190.	204.	219.	226.	213.	204.	191.	194.	184.	193.	186.	183.	182.	[ ]
SD	81.3	80.8	70.8	69.8	62.8	55.2	53.6	55.9	56.7	56.2	55.2	58.8	65.6	77.9	84.6	83.4	64.5	83.2	70.3	73.1	60.1	62.9	75.7	82.1	59.9	[ ]

LOCAL VISUAL RANGE
(KILOMETERS)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	162.	157.	168.	181.	196.	168.	157.	162.	168.	162.	181.	188.	188.	224.	196.	181.	168.	168.	152.	152.	152.	147.	168.	174.	172.	224.
2	152.	142.	142.	138.	142.	131.	134.	147.	157.	142.	157.	174.	162.	181.	168.	168.	168.	157.	152.	147.	152.	134.	138.	124.	151.	181.
3	115.	115.	115.	124.	127.	115.	121.	118.	121.	121.	96.0	121.	134	142.	162.	152.	157.	152.	152.	142.	134.	127.	124.	115.	130.	162.
4	107.	112.	107.	109.	102.	112.	115.	115.	121.	118.	118.	131.	131.	124.	138.	152.	142.	121.	115.	112.	102.	100.	96.0	98.0	117.	152.
5	102.	109.	102.	104.	121.	115.	115.	124.	127.	109.	124.	124.	131.	124.	138.	127.	121.	127.	109.	107.	112.	112.	104.	102.	116.	138.
6	100.	100.	96.0	94.0	92.0	98.0	98.0	90.0	85.0	90.0	96.0	96.0	104.	109.	124.	121.	107.	94.0	96.0	84.0	84.0	82.0	77.0	78.0	96.0	124.
7	76.0	72.0	72.0	75.0	75.0	76.0	80.0	80.0	82.0	81.0	87.0	90.0	84.0	87.0	89.0	80.0	73.0	76.0	71.0	72.0	70.0	68.0	64.0	63.0	77.0	90.0
8	57.0	55.0	59.0	64.0	79.0	64.0	60.0	51.0	64.0	71.0	65.0	64.0	57.0	60.0	69.0	66.0	62.0	60.0	56.0	61.0	60.0	65.0	82.0	85.0	64.0	85.0
9	90.0	104.	109.	109.	115.	118.	115.	118.	109.	124.	134.	112.	90.0	92.0	124.	112.	121.	115.	124.	109.	109.	115.	121.	124.	113.	134.
10	121.	127.	138.	138.	147.	147.	157.	152.	147.	147.	36.0	138.	134.	115.	124.	127.	124.	109.	112.	109.	109.	115.	127.	124.	126.	157.
11	124.	121.	128.	127.	121.	138.	127.	124.	112.	109.	104.	100.	109.	118.	109.	102.	109.	134.	124.	118.	109.	107.	112.	104.	117.	138.
12	115.	112.	109.	104.	112.	112.	102.	94.0	87.0	94.0	100.	89.0	81.0	85.0	92.0	100.	90.0	92.0	100.	94.0	96.0	90.0	92.0	94.0	98.0	118.
13	94.0	98.0	90.0	90.0	90.0	90.0	85.0	102.	104.	104.	124.	147.	152.	147.	162.	142.	162.	131.	168.	162.	147.	162.	152.	157.	128.	168.
14	152.	134.	131.	121.	112.	109.	112.	121.	131.	127.	131.	134.	121.	138.	131.	131.	127.	118.	110.	110.	107.	94.0	102.	104.	122.	152.
15	96.0	93.0	96.0	90.0	87.0	85.0	84.0	85.0	95.0	85.0	89.0	92.0	94.0	102.	95.0	104.	96.0	90.0	94.0	92.0	84.0	84.0	87.0	85.0	91.0	104.
16	83.0	85.0	82.0	80.0	82.0	94.0	82.0	80.0	90.0	95.0	82.0	87.0	90.0	94.0	90.0	94.0	92.0	96.0	81.0	85.0	83.0	92.0	87.0	84.0	86.0	98.0
17	87.0	94.0	96.0	96.0	109.	112.	118.	124.	115.	107.	98.0	109.	124.	118.	107.	104.	115.	127.	104.	109.	107.	112.	98.0	90.0	108.	127.
18	94.0	94.0	112.	94.0	113.	118.	118.	118.	118.	118.	118.	118.	118.	118.	138.	118.	142.	115.	118.	104.	112.	112.	112.	112.	115.	142.
19	98.0	94.0	94.0	98.0	109.	109.	109.	109.	109.	112.	109.	118.	127.	102	112.	94.0	85.0	78.0	67.0	82.0	82.0	76.0	75.0	70.0	97.0	127.
20	75.0	76.0	81.0	81.0	82.0	87.0	96.0	96.0	98.0	96.0	107.	104.	115.	112.	118.	104.	102.	94.0	92.0	87.0	84.0	84.0	89.0	87.0	94.0	118.
21	87.0	77.0	77.0	77.0	78.0	77.0	91.0	81.0	82.0	82.0	85.0	89.0	89.0	89.0	98.0	95.0	89.0	89.0	78.0	71.0	61.0	51.0	58.0	63.0	79.0	98.0
22	66.0	67.0	63.0	60.0	60.0	66.0	60.0	76.0	67.0	70.0	76.0	85.0	94.0	78.0	81.0	82.0	85.0	77.0	78.0	73.0	73.0	73.0	62.0	60.0	74.0	94.0
23	81.0	77.0	71.0	71.0	71.0	73.0	77.0	78.0	81.0	82.0	90.0	78.0	81.0	75.0	68.0	66.0	71.0	75.0	72.0	73.0	59.0	55.0	57.0	56.0	72.0	90.0
24	55.0	55.0	62.0	59.0	62.0	65.0	65.0	69.0	70.0	69.0	67.0	68.0	72.0	63.0	55.0	53.0	46.0	44.0	43.0	38.0	39.0	46.0	39.0	43.0	58.0	72.0
25	45.0	46.0	47.0	48.0	50.0	51.0	56.0	57.0	59.0	59.0	57.0	73.0	71.0	68.0	69.0	70.0	70.0	62.0	62.0	69.0	89.0	62.0	77.0	72.0	63.0	89.0
26	72.0	71.0	75.0	73.0	73.0	76.0	76.0	75.0	75.0	76.0	70.0	68.0	75.0	81.0	50.0	72.0	71.0	65.0	67.0	67.0	71.0	75.0	70.0	63.0	72.0	81.0
27	63.0	64.0	67.0	66.0	68.0	69.0	67.0	72.0	72.0	79.0	75.0	98.0	121.	118.	134.	130.	104.	115.	152.	168.	181.	168.	152.	147.	106.	181.
28	157.	168.	157.	157.	147.	131.	131.	134.	147.	147.	162.	162.	168.	196.	188.	174.	174.	181.	174.	162.	152.	162.	174.	157.	161.	196.
29	138.	138.	134.	142.	142.	147.	142.	142.	147.	147.	142.	147.	157.	162.	157.	157.	157.	152.	157.	134.	138.	147.	157.	152.	148.	162.
30	138.	134.	134.	124.	124.	127.	121.	131.	134.	131.	142.	147.	152.	152.	127.	118.	118.	112.	127.	124.	124.	127.	152.	198.	134.	188.
31	180.	181.	188.	181.	174.	157.	152.	181.	196.	181.	168.	188.	174.	162.	152.	147.	138.	157.	152.	142.	152.	138.	134.	127.	163.	196.
AV	103.	103.	104.	102.	103.	104.	104.	106.	108.	107.	106.	114.	116.	117.	119.	115.	113.	109.	109.	106.	105.	103.	105.	104.	108.	[ ]
SD	34.9	33.4	34.0	33.8	34.1	29.9	28.8	31.6	33.5	30.9	34.3	34.1	33.5	30.8	35.3	23.5	34.3	34.1	35.7	32.9	33.7	33.2	34.9	35.9	30.7	[ ]

LOCAL VISUAL RANGE
(KILOMETERS)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 2

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
2	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	118.	118.	118.	118.	118.	118.	94.0	118.	94.0	118.	118.	103.	118.
3	94.0	94.0	94.0	94.0	94.0	94.0	118.	94.0	94.0	94.0	94.0	118.	118.	94.0	118.	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	98.0	118.
4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	118.	118.	118.	118.	118.	94.0	94.0	94.0	94.0	94.0	94.0	99.0	118.
5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	78.0	78.0	78.0	78.0	91.0	94.0
6	78.0	78.0	78.0	78.0	78.0	78.0	94.0	78.0	94.0	94.0	[PF]	94.0	118.	118.	118.	118.	118.	118.	118.	118.	94.0	118.	118.	94.0	100.	118.
7	94.0	118.	118.	118.	118.	157.	118.	118.	118.	118.	118.	118.	157.	157.	157.	157.	157.	157.	157.	157.	157.	118.	118.	118.	133.	157.
8	118.	118.	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	78.0	78.0	78.0	94.0	118.
9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	78.0	78.0	86.0	94.0
10	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	94.0	118.	157.	157.	118.	118.	118.	118.	94.0	118.	94.0	94.0	94.0	98.0	157.
11	118.	118.	118.	118.	118.	118.	118.	118.	118.	118.	118.	118.	118.	118.	118.	118.	118.	118.	118.	94.0	94.0	94.0	94.0	94.0	113.	118.
12	96.0	96.0	96.0	96.0	100.	96.0	92.0	94.0	96.0	94.0	94.0	90.0	90.0	94.0	84.0	90.0	92.0	131.	147.	147.	157.	162.	152.	142.	109.	162.
13	168.	152.	174.	188.	181.	168.	181.	174.	152.	168.	168.	188.	174.	214.	214.	196.	204.	188.	174.	188.	162.	168.	162.	162.	178.	214.
14	157.	138.	138.	142.	162.	152.	142.	142.	152.	147.	147.	162.	168.	147.	138.	157.	142.	142.	152.	138.	121.	134.	134.	127.	145.	168.
15	131.	127.	121.	121.	118.	121.	118.	121.	127.	121.	134.	134.	147.	138.	142.	147.	152.	138.	138.	138.	131.	112.	115.	102.	129.	152.
16	118.	121.	115.	118.	107.	115.	124.	121.	124.	121.	124.	131.	138.	142.	162.	168.	168.	142.	115.	104.	104.	104.	98.0	94.0	124.	168.
17	92.0	92.0	100.	102.	104.	107.	104.	107.	109.	104.	104.	104.	121.	138.	138.	138.	142.	131.	118.	107.	107.	112.	104.	100.	112.	142.
18	94.0	92.0	94.0	102.	104.	104.	109.	102.	107.	112.	96.0	104.	102.	107.	109.	118.	98.0	77.0	82.0	78.0	75.0	77.0	82.0	100.	97.0	118.
19	131.	162.	174.	157.	162.	85.0	87.0	87.0	98.0	109.	102.	104.	127.	152.	204.	204.	168.	152.	127.	115.	115.	118.	109.	109.	132.	204.
20	112.	118.	121.	118.	109.	118.	124.	127.	121.	124.	131.	134.	138.	147.	142.	142.	127.	127.	104.	98.0	98.0	96.0	102.	102.	120.	147.
21	102.	100.	92.0	92.0	94.0	100.	96.0	90.0	89.0	102.	107.	115.	109.	107.	100.	100.	94.0	89.0	76.0	78.0	70.0	68.0	67.0	69.	092.0	115.
22	76.0	75.0	77.0	80.0	81.0	82.0	84.0	87.0	84.0	85.0	92.0	92.0	92.0	89.0	84.0	82.0	85.0	82.0	78.0	72.0	64.0	66.0	63.0	64.	080.0	92.0
23	65.0	64.0	63.0	67.0	69.0	67.0	71.0	75.0	76.0	78.0	75.0	73.0	80.0	82.0	78.0	71.0	64.0	68.0	63.0	57.0	50.0	46.0	47.0	47.	067.0	82.0
24	49.0	54.0	55.0	52.0	49.0	51.0	49.0	50.0	52.0	51.0	51.0	55.0	59.0	59.0	60.0	63.0	67.0	69.0	63.0	64.0	72.0	73.0	84.0	76.	059.0	84.0
25	71.0	76.0	71.0	72.0	73.0	78.0	77.0	78.0	81.0	84.0	82.0	89.0	82.0	81.0	104.	124.	152.	138.	142.	134.	124.	131.	127.	124.	100.	152.
26	115.	115.	107.	115.	112.	112.	115.	112.	109.	112.	112.	127.	131.	121.	127.	131.	124.	124.	124.	131.	131.	121.	112.	109.	119.	131.
27	127.	118.	121.	118.	112.	104.	107.	104.	100.	115.	115.	131.	134.	142.	147.	142.	134.	124.	124.	131.	127.	124.	112.	107.	122.	147.
28	109.	115.	134.	121.	112.	118.	115.	118.	115.	118.	118.	115.	109.	104.	121.	112.	118.	118.	112.	109.	121.	127.	115.	121.	116.	134.
29	94.0	118.	94.0	118.	118.	94.0	118.	94.0	94.0	94.0	118.	124.	118.	162.	168.	181.	162.	168.	138.	127.	124.	121.	118.	115.	124.	181.
30	112.	112.	124.	121.	121.	118.	124.	121.	121.	127.	112.	134.	138.	162.	162.	138.	147.	142.	142.	181.	168.	174.	188.	188.	141.	188.
31	188.	174.	174.	162.	152.	157.	157.	152.	152.	147.	168.	157.	168.	147.	168.	162.	174.	152.	138.	124.	118.	121.	118.	112.	152.	188.
AV	105.	106.	106.	106.	106.	104.	105.	103.	104.	106.	107.	112.	117.	122.	127.	125.	124.	120.	115.	111.	109.	107.	105.	103.	111.	[ ]
SD	29.1	27.0	29.7	28.5	28.2	26.5	25.6	24.2	22.2	22.7	24.9	26.6	27.7	32.2	35.5	34.5	33.0	28.8	27.4	30.7	28.6	29.1	28.5	27.	424.4	[ ]

COEFFICIENT OF HAZE [6 HOUR AVE]

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	.001
2	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	.000
3	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	.000
4	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	.001
5	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	.000
6	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	.001
7	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	.000
8	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	.001
9	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	.000
10	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	.000
11	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	.000
12	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	.000
13	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	.000
14	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	.001	.001
15	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	.001	.001
16	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	.000	.001
17	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.002	[ ]	[ ]	.001	.002
18	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	.001	.001
19	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	[PF]	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	.000
20	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	.000
21	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	.000
22	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	.001	.001
23	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	.001
24	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	.001
25	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.002	[ ]	[ ]	.001	.002
26	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	.000
27	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	.001	.001
28	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]
29	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]
30	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	[ ]
SD	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	.000	[ ]

COEFFICIENT OF HAZE [6 HOUR AVE]

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]
2	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]
3	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]
4	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]
5	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]
6	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]
7	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]
8	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]
9	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]
10	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]
11	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]
12	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]
13	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]
14	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]
15	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]
16	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]
17	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]
18	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	.002	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	.002	.002
19	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[IM]	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	.001	.001
20	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	.000	.001
21	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.002	[ ]	[ ]	.001	.002
22	[ ]	[ ]	[ ]	.002	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.002	[ ]	[ ]	.001	.002
23	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.002	[ ]	[ ]	.001	.002
24	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.002	[ ]	[ ]	.001	.002
25	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	.002	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	.001	.002
26	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	.002	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	.001	.002
27	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.001	.001
28	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	.000
29	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	.000
30	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	.000
31	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	[ ]	.000	[ ]	[ ]	.000	.000
AV	[ ]	[ ]	[ ]	.000	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	.001	[ ]
SD	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	[ ]	[ ]	[ ]	.001	[ ]	[ ]	.001	[ ]

COEFFICIENT OF HAZE [6 HOUR AVE]

WHITE RIVER SHALE PROJECT,UTAH

SITE A 2

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1				.001						.001						.001						.001			.001	.001
2				.001						.001						.001						.001			.001	.001
3				.001						.001						.001						.001			.001	.001
4				.001						.001						.001						.001			.001	.001
5				.001						.001						.001						.001			.001	.001
6				.002						.001						.001						[IM]			.001	.002
7				[IM]						[IM]						[IM]						[IM]				
8				[IM]						[IM]						.001						.001			.001	.001
9				.001						.000						.001						.000			.001	.001
10				.002						.000						.000						.000			.001	.002
11				.001						.000						.001						.000			.001	.001
12				.001						.000						.001						.000			.001	.001
13				.000						.000						.000						.002			.001	.002
14				.000						.000						.000						.000			.000	.000
15				.000						.000						.000						.000			.000	.000
16				.001						.000						.000						.000			.000	.001
17				.001						.001						.000						.000			.001	.001
18				.001						.000						.000						.000			.000	.001
19				.000						.000						.000						.000			.000	.000
20				.000						.000						.000						.000			.000	.000
21				.001						.000						.000						.000			.000	.001
22				.001						.000						.000						.000			.000	.001
23				.001						.000															.001	.001
24																										
25																										
26																										
27																										
28																										
29																										
30																										
31																										
AV				.001						.000						.000						.000			.001	
SD				.001						.000						.000						.001			.000	

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE # 3

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
2	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
3	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
4	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
5	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
6	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
7	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
8	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
9	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
10	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
11	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
12	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
13	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
14	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
15	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	5	5
17	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
18	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
19	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
20	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
21	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
22	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
23	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
24	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
25	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
26	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
27	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
28	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
29	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
30	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
31	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
NO	5	5	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	5	5	5	5	5	5	5	5	5	5	5	( )
SD	0	0	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	0	0	0	0	0	0	0	0	0	0	0	( )

TOTAL SULFUR
(MICROGRAMS/CU METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
2	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
3	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
4	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
5	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
6	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
7	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
8	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
9	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
10	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
11	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
12	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
13	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
14	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
15	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
16	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
17	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
18	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
19	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
20	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
21	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
22	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
23	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
24	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
25	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
26	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
27	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
28	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
29	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
30	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
31	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
N/	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
SD	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JANUARY,1976

AEROVIRONMENT INC.

****
* *
* FINAL DATA *
* AS OF 12 APR 76 *
* *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	C	C	C	C	C	C	C	C	C	C	C	C	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	0	0
11	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	10	10	10	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	10	10
12	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]	[ ]
13	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]	[ ]
14	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]	[ ]
15	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ ]	[ ]
16	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	5	5	5	5	10	10	10	10	10	10	10	10	10
17	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	5	10	10	5	10	10	10	10	10
18	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	10	10	10	10	10	10	10	10	10
19	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
21	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
23	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
24	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	10	5	10	10	10	10	10	10
25	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
27	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
28	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	10	10	10	10	10	10	10	10	10	10	10
29	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
30	10	10	10	10	10	10	10	10	10	10	10	10	10	5	10	10	5	5	10	10	10	10	10	10	10	10
31	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
AVE	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10 [	]
90	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3 [	]

DROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0	0	0	5	5	5	5	5	5	5		5
16	0	5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5	5
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	5	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	0	0	0	0	5	5	5	5	5	5	5 [ ]	
SD	0	0	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	0	0	0	0	0	0	0	0	0	0	0 [ ]	

DROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
SD	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

YDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

SUBJECT TO
REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	10	5	5	5	5	5	5	5	5	5	5	5	5	10
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5	5
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5	5	5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5	5
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
31	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5 [ ]	
SD	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	

LFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO *
* REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	10	10	10	10	10	10	10	10	10	10	10	10
16	15	15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	15	15
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	15	15	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	10	10	10	10	10	10	10	10	10	10	15	[ ]
SD	0	0	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	0	0	0	0	0	0	0	0	0	0	2	[ ]

FOR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
SD	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JANUARY,1976

AEROVIRONMENT INC.

```
**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 11 APR 76   *
*                    *
**********************
*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
**********************
```

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	10	10	5	10	10	5	10	10	10	10	5	5	10	10
9	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	5	5	10	10	5	5	5	5	5	5	10
10	5	5	5	5	5	5	5	5	5	5	5	5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5	5
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5	5	5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5	5
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
29	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
31	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5 [ ]	
SD	0	0	0	0	0	0	0	0	1	0	0	0	2	2	1	1	1	1	2	1	1	1	0	0	1 [ ]	

TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	110	90	90	70	60	90	70	70	60	90	80	90	90	80	110
7	90	90	90	90	90	100	60	100	90	50	70	70	50	80	60	70	60	70	60	60	60	50	70	60	80	100
8	90	90	100	90	80	90	90	100	100	50	90	90	70	70	90	70	90	90	90	90	70	90	100	100	90	100
9	50	60	70	80	100	110	100	90	60	60	80	70	80	50	70	80	90	60	90	90	50	70	70	80	80	110
10	80	100	50	60	100	100	80	110	110	110	100	90	90	100	90	90	90	90	100	80	100	100	100	90	90	110
11	100	100	100	100	100	100	100	100	100	100	80	90	80	80	100	70	90	70	80	80	80	110	110	110	90	110
12	100	100	100	110	110	110	110	110	110	110	100	90	90	70	80	70	110	80	90	100	110	110	110	110	100	110
13	120	100	110	110	110	110	110	150	130	120	110	80	80	80	70	70	80	90	80	60	80	90	80	120	100	150
14	120	120	120	120	120	120	120	120	120	120	140	120	130	110	120	110	100	110	90	100	110	120	120	120	120	140
15	80	110	110	120	130	130	130	130	130	130	110	100	90	80	120	80	80	110	90	70	90	110	80	80	100	130
16	90	90	90	80	60	120	110	120	120	120	100	130	90	80	70	70	80	70	70	80	70	70	60	90	90	130
17	60	80	70	80	90	140	120	90	90	130	100	80	90	90	80	80	90	90	110	110	90	110	110	80	100	140
18	70	100	90	90	80	120	110	120	120	130	70	60	90	60	60	80	70	70	100	90	90	100	70	80	90	130
19	60	100	70	60	90	70	100	110	100	100	100	110	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	90	110
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	90	100	90	90	100	110	100	110	110	110	100	90	90	80	80	80	80	80	90	80	80	90	90	90	90	[ ]
SD	20	13	17	20	17	16	14	18	17	19	17	19	14	13	18	13	11	13	13	14	16	20	17	16	10	[ ]

TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
2	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[PF]	[PF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
3	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	79	111	111	92	105	72	62	66	89	101	108	115	124	95	124
4	104	136	114	119	111	120	113	113	129	130	122	117	121	98	92	72	72	72	98	98	124	118	124	136	111	138
5	146	138	138	144	144	144	140	140	147	161	139	133	144	117	131	138	151	124	131	144	144	111	124	131	138	161
6	131	138	144	118	144	138	138	144	164	157	157	131	118	79	85	85	79	85	98	105	111	118	111	85	119	164
7	99	99	79	111	118	118	118	118	118	151	118	124	105	144	119	138	124	118	138	144	144	151	98	105	121	151
8	146	146	153	141	142	156	156	136	146	164	141	137	160	144	149	147	145	146	144	160	136	165	165	164	152	170
9	163	160	163	158	157	166	165	168	159	162	163	176	154	170	160	160	139	139	113	147	146	172	148	146	156	176
10	15	143	144	142	153	142	141	148	154	154	148	149	143	145	140	142	146	140	146	142	143	147	176	150	147	176
11	150	151	148	151	150	152	151	155	150	151	151	149	158	155	144	146	143	125	149	154	182	150	150	159	151	182
12	157	163	176	160	215	168	190	167	168	175	166	145	155	121	109	90	87	87	91	92	73	84	94	91	135	215
13	90	95	96	93	65	97	96	76	99	79	83	66	84	74	78	93	88	99	89	93	101	79	100	50	86	101
14	92	99	99	132	103	105	106	106	104	105	105	101	102	101	98	98	98	92	101	103	103	104	106	105	102	106
15	107	106	107	107	113	116	118	116	114	122	124	116	106	105	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	113	124
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AV	129	131	131	129	135	135	136	135	137	143	135	125	128	120	116	118	112	108	114	123	129	126	126	121	125	[ ]
SD	26	23	29	22	35	22	26	27	24	26	24	28	24	25	26	28	30	26	26	26	30	29	26	32	22	[ ]

TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
2	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
3	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
4	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
5	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
6	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
7	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
8	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
10	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
11	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	1180	1240	1380	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	1270	1380	
12	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
13	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[IM]	1110	1050	920	1050	1110	980	980	920	1050	970	990	1050	1020	1110
14	690	970	830	1120	1290	1180	1230	1100	1080	1190	1260	1370	[MT]	560	590	1180	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	1040	1370
15	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
16	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	1310	920	1240	1380	1510	1310	1570	1270	1320	1480	1270	1330	1570
17	1290	1040	1180	1360	1230	1520	1310	1380	1550	1300	1770	1640	1050	1110	790	980	980	980	1110	920	1090	990	1020	1280	1210	1770
18	990	1290	950	940	860	870	1050	830	1300	1610	1580	1310	1050	920	980	1110	1180	1510	1770	1510	1380	1510	1120	840	1180	1770
19	1150	1050	1090	1040	1140	1270	1270	1280	1450	1550	1530	1510	1240	1050	1050	1180	1310	1180	1180	1180	1240	1240	1330	1180	1240	1550
20	1000	670	870	870	1060	640	840	1140	1470	1630	1640	1350	980	850	990	460	460	390	390	390	460	620	410	380	390	830	1640
21	380	450	390	500	560	490	600	570	680	740	800	460	460	520	460	460	390	390	390	460	450	450	380	380	490	800
22	430	350	460	320	510	540	370	420	740	800	630	550	520	370	390	390	460	390	390	390	330	330	530	440	460	800
23	560	500	600	600	640	610	560	670	840	700	610	590	390	330	330	390	390	390	390	670	420	390	400	400	520	840
24	390	470	410	510	540	510	560	550	530	470	420	400	430	390	390	460	290	390	390	330	320	340	330	350	430	560
25	370	430	430	460	450	440	420	420	440	450	510	450	390	390	390	330	390	440	380	380	410	450	410	350	420	510
26	280	230	300	420	400	420	420	420	500	610	550	330	260	260	390	390	390	390	390	410	290	360	390	290	380	610
27	360	370	270	380	280	310	360	490	510	540	490	400	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	300	320	350	330	320	380	540
28	350	310	330	990	320	370	490	460	540	390	280	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	290	330	420	990
29	1110	1030	810	1360	1520	1170	1360	1270	1410	1450	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	1250	1520
30	330	310	320	390	370	380	350	320	340	470	450	[RF]	[RF]	[RF]	[RF]	410	440	390	260	220	200	210	220	300	330	470
31	380	410	410	420	430	390	400	400	400	430	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	410	410	430
AV	530	620	600	730	730	690	720	730	860	900	890	860	760	740	710	720	710	720	720	690	670	670	640	600	770	[ ]
SD	341	329	294	350	391	370	374	361	426	457	515	495	357	360	320	359	390	433	469	436	415	424	407	368	379	[ ]

ETHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

SUBJECT TO REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
2	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
3	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
4	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
5	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
6	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	1090	1090	1050	1000	1000	980	980	1080	1000	1020	1000	1060	1060	1030	1090
7	1030	1070	1000	990	1030	1010	1030	1010	1030	1030	1030	1030	960	1020	990	980	970	990	980	980	980	960	960	960	1000	1030
8	1050	1050	1090	1090	1090	1090	1090	1090	1090	1090	1090	1090	1090	960	1030	1030	960	1030	1030	1090	1090	1030	1030	1030	1060	1090
9	980	1000	1040	1030	1040	1040	1030	1040	1020	1040	990	1010	1030	960	1050	960	1030	960	1030	1090	1030	1030	1040	1020	1020	1090
10	1030	1050	1020	1030	1070	1080	1060	1070	1110	1110	1070	1090	1100	1070	1090	1120	1090	1100	1090	1020	1040	1040	1050	1070	1070	1120
11	1060	1060	1080	1080	1070	1070	1070	1070	1070	1070	1030	1030	1100	1020	1050	1040	1080	1020	1040	1070	1060	1110	1090	1090	1060	1110
12	1090	1170	1080	1080	1090	1090	1100	1100	1090	1080	1070	1060	1040	1040	1050	1100	1040	1040	1080	1100	1120	1120	1100	1100	1080	1170
13	1090	1160	1170	1170	1190	1180	1180	1170	1170	1160	1150	1100	1170	1100	1100	1100	1100	1100	1100	1170	1120	1150	1150	1170	1140	1190
14	1150	1180	1180	1180	1200	1190	1180	1190	1180	1170	1150	1160	1110	1170	1170	1230	1170	1170	1170	1100	1170	1170	1160	1160	1170	1230
15	1130	1180	1160	1200	1210	1230	1230	1260	1220	1210	1210	1150	1100	1100	1180	1100	1100	1170	1170	1100	1170	1230	1230	1170	1180	1260
16	1100	1140	1140	1140	1120	1150	1150	1140	1150	1150	1100	1170	1170	1100	1040	1040	1040	1040	1040	1040	1040	1040	1040	1040	1100	1170
17	1040	1170	1090	1100	1120	1150	1150	1120	1120	1190	1150	1170	1100	1100	1170	1170	1170	1170	1300	1230	1170	1230	1230	1170	1160	1300
18	1040	1170	1120	1150	1150	1160	1150	1170	1160	1130	1040	1100	1100	1040	1040	1100	1100	1100	1100	1100	1040	1100	1040	1040	1100	1180
19	1040	1080	1070	1050	1080	1070	1110	1090	1110	1170	1090	1110	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	1090	1170
20	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
21	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
22	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
23	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
24	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
25	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
26	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
27	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
28	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
29	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
30	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	1060	1110	1100	1100	1110	1120	1120	1120	1120	1120	1090	1100	1090	1060	1070	1070	1060	1070	1090	1080	1080	1090	1090	1060	1090	[ ]
SD	30	66	59	62	57	62	59	65	56	56	59	50	53	57	61	73	66	71	79	64	61	82	78	67	54	[ ]

METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
2	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[PF]	[PF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
3	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	330	390	460	330	330	260	230	240	240	260	330	330	310	310	460
4	300	330	320	390	390	390	390	390	390	390	390	330	330	260	330	260	260	260	260	260	330	330	330	310	330	390
5	310	320	390	330	290	390	390	390	390	390	390	390	390	330	330	330	330	330	330	330	330	330	330	330	360	390
6	310	330	330	330	290	390	390	390	390	390	390	390	330	330	260	330	260	260	260	330	330	330	330	260	340	390
7	330	310	330	390	390	330	390	390	390	390	330	390	390	330	330	330	330	330	330	260	390	260	330	350	350	390
8	290	300	300	310	340	320	310	320	320	310	320	310	320	330	300	270	280	270	260	280	290	300	300	300	300	340
9	310	320	310	310	310	330	310	340	350	330	340	330	330	320	350	300	260	270	240	280	280	290	280	290	310	350
10	290	290	280	290	300	290	290	290	300	290	300	300	300	290	280	280	280	270	270	280	260	280	280	290	290	300
11	290	290	300	290	290	280	290	320	300	300	270	280	290	270	260	260	260	250	270	270	250	260	270	270	280	300
12	290	280	270	290	280	290	300	290	290	290	280	280	280	240	230	240	250	240	240	220	250	250	250	240	270	300
13	250	260	250	250	250	290	240	250	260	220	230	220	280	230	250	250	250	260	240	250	260	260	260	260	250	290
14	280	220	280	210	270	290	280	280	280	280	290	290	280	270	330	260	260	330	250	240	250	260	280	280	280	330
15	300	300	310	300	310	320	320	320	330	330	340	300	300	330	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	320	340
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AV	300	300	310	320	330	330	330	330	330	330	320	320	320	310	300	290	270	280	270	280	280	300	290	290	300	[ ]
SD	21	24	35	47	50	41	50	49	46	53	49	42	40	57	39	34	27	34	31	36	31	40	30	27	31	[ ]

HANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
10	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
11	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[IM]	260	330	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	300	330
12	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
13	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[IM]	920	390	460	460	460	460	460	460	460	460	330	390	480	920
14	310	590	310	220	300	340	290	330	340	310	270	210	[MT]	170	200	260	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	300	590
15	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
16	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	460	330	460	390	330	260	260	260	260	330	250	330	460
17	290	250	260	240	330	280	320	380	330	340	460	520	390	200	130	130	130	200	260	200	290	200	260	230	280	520
18	180	190	200	210	190	200	170	170	190	180	200	170	200	260	260	260	200	200	260	200	200	200	210	170	200	260
19	190	180	160	200	190	240	280	240	370	250	230	180	260	200	200	330	260	200	200	260	200	390	530	200	250	530
20	170	190	210	190	170	170	170	360	210	210	180	540	200	200	130	460	260	130	200	130	280	110	140	310	220	540
21	140	510	190	190	430	230	920	220	210	380	190	200	200	200	260	200	260	200	200	390	150	150	150	370	270	920
22	240	190	180	180	210	220	190	190	240	210	200	180	190	130	130	130	130	130	130	130	150	160	170	170	170	240
23	220	470	540	230	390	240	390	260	200	220	200	200	200	200	130	130	390	200	200	200	210	130	160	140	240	540
24	420	220	180	170	170	160	200	160	230	180	150	150	220	130	130	130	200	130	130	130	130	160	140	170	170	420
25	260	200	300	500	220	230	230	230	250	200	460	200	260	330	260	260	200	200	190	470	520	220	220	230	280	520
26	250	210	200	340	280	230	300	250	250	230	270	200	200	200	260	200	200	200	200	210	160	150	140	190	220	340
27	570	430	190	210	170	250	200	220	220	230	190	170	200	260	260	260	200	200	260	170	170	260	210	240	240	570
28	170	240	170	160	180	170	180	260	260	390	200	260	200	200	130	200	260	260	260	200	200	200	390	460	230	460
29	390	200	200	200	200	130	200	260	260	260	200	200	200	390	460	260	460	260	260	200	200	260	200	200	250	460
30	550	170	180	130	180	180	190	190	180	210	230	260	260	260	260	290	270	390	150	210	200	170	320	230	240	550
31	240	590	250	240	340	240	380	320	250	320	330	390	460	330	390	330	330	390	390	320	390	330	330	320	340	590
AV	290	300	230	240	240	220	290	250	250	260	250	250	290	250	250	260	270	240	240	240	250	220	250	250	260	[ ]
SD	127	152	90	83	72	49	178	64	53	67	50	118	180	89	106	109	100	94	83	104	109	92	106	87	67	[ ]

HYDROCARBONS [METHANE REDUCED]
[MICROGRAMS/CU. METER]

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CA]	90	0	0	0	0	0	0	0	0	0	0	0	0	10	90
7	0	0	0	0	0	100	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	100
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	0	30
9	0	0	0	0	30	80	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	80
10	0	10	0	0	0	0	0	100	20	80	0	0	0	0	0	0	0	0	0	0	50	20	0	0	10	100
11	20	10	0	0	20	20	10	0	20	20	0	0	0	0	0	0	0	0	0	0	0	20	20	10	10	20
12	10	0	0	40	20	10	0	20	20	20	10	0	0	0	0	0	80	0	0	0	30	40	30	30	20	80
13	190	0	0	0	0	0	10	380	190	50	50	0	0	0	0	0	0	0	0	0	0	0	0	30	40	380
14	30	30	20	100	40	30	20	90	50	90	250	90	280	0	60	0	0	0	0	0	0	80	80	50	60	280
15	0	0	0	60	90	90	80	90	110	120	0	0	0	0	70	0	0	0	0	0	0	0	0	0	30	120
16	0	0	0	0	0	100	20	70	90	80	0	130	0	0	0	0	0	0	0	0	0	0	0	0	20	130
17	0	0	0	0	0	330	50	0	0	110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	330
18	0	0	0	0	0	70	0	90	110	180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	180
19	0	0	0	0	0	0	0	40	0	0	0	0	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	40
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	20	0	0	20	20	60	20	70	50	60	20	20	20	0	10	0	10	0	0	0	10	10	10	10	20	[ ]
SD	50	8	5	31	25	86	23	98	58	55	67	43	75	0	27	0	21	0	0	0	15	23	23	17	15	[ ]

HYDROCARBONS [METHANE REDUCED]
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 14 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
2	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[PF]	[PF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
3	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	460	720	660	590	720	460	390	420	650	750	750	820	940	640	940
4	730	1030	820	800	720	810	730	760	890	900	830	840	880	720	590	460	460	460	720	720	920	850	920	1040	780	1040
5	1150	1050	980	1050	1030	1050	1000	1080	1080	1220	990	940	1050	840	980	1050	1180	920	980	1110	1110	790	920	980	1020	1220
6	980	1050	1110	850	1050	980	980	1050	1240	1180	1180	920	850	460	590	520	520	590	720	720	790	850	790	590	860	1240
7	660	660	460	720	790	850	790	730	790	1110	850	850	660	1110	850	1050	920	850	1050	1110	1180	1110	720	720	860	1180
8	1240	1110	1320	1100	1080	1240	1250	1240	1140	1330	1090	1060	1240	1110	1180	1200	1170	1190	1180	1320	1410	1350	1350	1350	1220	1410
9	1370	1230	1310	1230	1260	1370	1340	1350	1240	1290	1290	1430	1220	1370	1250	1300	1130	1120	890	1190	1180	1430	1200	1170	1260	1430
10	1310	1140	1150	1130	1230	1130	1120	1180	1240	1230	1180	1190	1140	1160	1120	1140	1180	1130	1190	1150	1170	1190	1490	1210	1190	1490
11	1240	1230	1180	1230	1210	1240	1220	1270	1200	1220	1230	1210	1310	1280	1180	1200	1170	1000	1220	1270	1570	1240	1230	1320	1240	1570
12	1280	1350	1480	1310	1870	1390	1600	1380	1400	1470	1370	1170	1320	970	860	670	620	640	670	690	480	590	690	670	1080	1870
13	650	700	710	680	400	680	720	520	640	570	600	440	560	510	530	680	630	730	650	700	750	530	730	240	610	750
14	690	730	700	740	760	760	780	780	760	770	760	730	740	740	660	720	720	660	760	780	780	780	790	770	740	790
15	720	720	720	720	720	840	860	830	810	890	890	870	720	720	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	790	890
16	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
17	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
18	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
19	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
20	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
21	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
22	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
23	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
24	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
25	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
26	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
27	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
31	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
AV	1000	1000	990	970	1010	1030	1030	1020	1040	1110	1020	930	950	900	870	890	850	810	870	950	1010	960	970	920	940	[ ]
SD	273	232	299	230	359	230	266	266	235	247	228	276	259	281	259	281	294	258	244	249	302	285	262	317	225	[ ]

HYDROCARBONS [METHANE REDUCED]
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
10	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
11	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[IM]	980	1050	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	1020	1050
12	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
13	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[IM]	200	660	460	590	660	520	520	460	590	510	660	660	540	660
14	380	330	520	790	990	840	940	770	750	830	990	1150	[MI]	390	390	920	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	740	1150
15	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
16	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	850	590	790	980	1180	1050	1310	1010	1060	1150	1010	1000	1310
17	1000	800	910	1120	960	1240	990	1000	1220	960	1310	1110	660	920	660	850	850	790	850	720	800	800	760	1050	930	1310
18	810	1100	750	730	670	630	800	660	1110	1430	1370	1140	850	720	790	920	980	1310	1510	1310	1180	1310	900	660	990	1510
19	960	870	920	840	940	1030	990	1040	1080	1290	1300	1330	980	850	790	850	1050	980	980	920	1050	850	800	970	990	1330
20	840	480	660	680	890	460	670	780	1260	1430	1460	810	790	660	850	0	200	260	200	330	350	300	240	90	610	1460
21	240	0	210	310	230	250	0	350	470	360	600	260	260	330	200	260	130	200	200	70	290	300	220	0	240	600
22	180	170	280	140	300	320	100	230	500	590	430	370	330	240	260	260	330	260	260	260	180	160	360	270	290	590
23	340	30	60	370	250	370	170	410	630	480	400	390	200	130	200	260	0	200	200	470	210	250	250	260	270	630
24	0	250	230	340	360	340	360	390	310	290	270	250	210	260	260	330	200	260	260	200	200	180	190	180	260	390
25	100	230	130	0	220	210	190	190	200	260	50	250	130	70	130	70	200	240	190	0	0	230	180	120	150	260
26	40	10	90	70	130	190	120	170	250	380	280	130	70	70	130	200	200	200	200	190	140	210	250	100	160	380
27	0	0	90	170	120	60	160	270	280	310	310	230	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	130	150	80	120	90	150	310
28	130	70	160	830	140	210	310	200	280	0	80	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	0	190	830
29	720	830	620	1160	1320	1040	1160	1010	1150	1190	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	1020	1320
30	0	130	140	190	190	200	160	130	160	270	220	[RF]	[RF]	[RF]	[RF]	110	170	0	110	10	0	40	0	70	110	270
31	140	0	160	100	90	150	20	90	150	110	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	80	110	180
AV	370	330	370	500	490	470	460	480	610	640	650	620	430	510	480	460	460	490	500	460	440	450	410	350	510	[ ]
SD	355	350	297	368	391	358	393	330	405	468	502	432	312	319	293	332	369	411	430	431	393	383	343	370	363	[ ]

HYDROCARBONS [METHANE REDUCED]
[MICROGRAMS/CU. METER]

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

SUBJECT TO REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
10	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
11	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[IM]	980	1050	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	1020	1050
12	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
13	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[IM]	200	660	400	590	600	520	520	460	550	510	660	660	540	660
14	380	380	520	790	990	840	940	770	750	880	990	1150	[MT]	330	390	920	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	740	1150
15	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
16	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	850	590	790	980	1180	1050	1310	1010	1060	1150	1010	1000	1310
17	1000	890	910	1120	960	1240	990	1000	1220	960	1310	1110	660	920	660	850	850	790	850	720	800	800	760	1050	930	1310
18	910	1100	750	730	670	630	880	660	1110	1430	1370	1140	850	720	790	920	980	1310	1510	1310	1180	1310	900	660	990	1510
19	980	870	920	840	940	1030	930	1040	1080	1290	1300	1330	980	850	790	850	1050	990	980	920	1050	850	800	970	990	1330
20	840	480	660	680	890	460	670	780	1260	1430	1400	810	790	660	850	0	200	260	200	330	350	300	240	90	610	1460
21	240	0	210	310	230	250	0	350	470	360	600	260	260	330	200	260	130	200	200	70	290	300	220	0	240	600
22	180	170	280	140	300	320	180	230	500	590	430	370	330	240	260	260	330	260	260	260	180	160	360	270	290	590
23	340	30	60	370	250	370	170	410	630	480	400	390	200	130	200	260	0	200	200	470	210	250	250	260	270	630
24	0	230	230	340	360	340	360	390	210	290	270	250	210	260	260	330	200	260	260	200	200	180	190	180	260	390
25	100	230	130	0	220	210	190	190	200	260	50	250	130	70	130	70	200	240	190	0	0	230	180	120	150	260
26	40	10	90	70	130	190	120	170	250	380	200	130	70	70	130	200	200	200	200	190	140	210	250	100	160	380
27	0	0	90	170	120	60	160	270	280	310	310	230	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	130	150	80	120	90	150	310
28	180	70	160	630	140	210	310	200	280	0	80	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	0	190	830
29	720	830	620	1160	1320	1040	1160	1010	1150	1190	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	1020	1320
30	0	130	140	190	190	200	160	130	160	270	220	[RF]	[RF]	[RF]	[RF]	110	170	0	110	10	[IM]	40	0	70	120	270
31	140	0	160	180	90	150	20	90	150	110	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	80	110	180
AV	370	370	370	500	490	470	460	480	610	640	650	520	430	510	480	460	460	490	500	460	470	450	410	350	510	[ ]
SD	355	358	297	368	391	358	393	330	405	468	502	432	312	319	293	332	369	411	430	431	386	383	343	370	362	[ ]

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	.6	.5	.2	.1	.2	.2	.2	.6	.9	.6	.9	.7	.9	.5	.9
7	9	2	3	3	.3	.4	.3	3	.3	6	.4	4	.3	2	.1	.2	.2	.4	.1	.1	.1	.3	.3	.1	.3	.9
8	.2	3	2	1	.1	.2	.2	2	.2	.1	.1	1	.2	2	.2	.1	1	.2	.2	1	.2	.2	.1	.2	.2	.3
9	3	2	2	2	1	1	.1	1	.1	1	.4	2	.1	.2	.1	.1	.1	.1	.2	.1	.2	.1	.1	.2	.2	.4
10	1	1	1	2	1	1	1	1	.2	1	.2	1	.3	.1	2	.2	2	3	.2	.2	.1	.1	.1	.1	.1	.3
11	1	.1	1	1	1	1	1	1	1	2	.1	1	.1	1	.1	.2	.1	.2	.2	.4	.2	.1	.1	.1	.1	.4
12	2	2	2	2	2	2	.1	1	.2	1	.1	1	.3	.3	.3	2	.1	.6	.3	.1	.2	.1	.1	.1	.2	.6
13	7	2	.2	1	1	3	.1	1	.1	1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	1	3	.1	.1	.1	.7
14	1	1	2	1	1	1	.1	1	.1	1	.0	1	.1	6	3	2	1	.1	.1	.1	.2	.2	.2	.1	.1	.6
15	1	2	1	1	1	1	2	1	.1	2	.1	1	.1	.1	.1	.2	.4	.1	.0	.0	.0	.0	.0	.0	.1	.4
16	0	1	1	1	0	1	1	0	.0	0	.0	0	.1	.1	1	.0	.1	.0	.0	.0	.1	.0	.1	.1	.0	.1
17	0	0	1	1	1	1	.2	1	.0	.0	.0	0	.0	.0	.0	.0	0	.0	.0	.1	.0	.1	.1	.1	.0	.2
18	1	2	1	1	1	1	1	1	1	1	.0	1	.1	.2	0	1	1	.0	.0	.0	.1	.2	.1	1	.1	.2
19	1	1	.1	0	.1	.2	.3	.2	.2	.3	.3	.3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	.2	.5
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	3	2	2	1	1	2	2	1	.1	3	.1	.2	.2	.2	.1	1	.1	.2	.2	.1	.2	.2	.2	.2	.2	[ ]
SD	3	1	.1	1	1	1	1	.1	1	2	.1	.2	.1	.1	.1	.1	.1	.2	.2	.2	.1	.2	.2	.2	.1	[ ]

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
2	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[PF]	[PF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
3	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	.1	0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1
4	1	1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.1
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1
8	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
11	.0	.0	.0	1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.1
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.1
13	.0	.0	.0	.0	.1	1	.1	.1	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2
14	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.3
15	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	.0	.1
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AV	.0	0	0	0	.0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ ]	[ ]
SD	0	0	0	0	.0	0	.0	0	.0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	[ ]

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JANUARY,1976

AEROVIRONMENT INC.

```
**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 11 APR 76   *
*                    *
**********************
*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
**********************
```

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
10	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
11	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[IM]	[IM]	[IM]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
12	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
13	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[IM]	.6	.5	.6	.6	.3	.1	.3	.2	.1	.3	.5	.3	.4	.6
14	5	.5	.5	8	.2	.1	.6	.9	.4	.6	1.2	.3	[MT]	.9	.3	.3	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	.5	1.2
15	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
16	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	.6	.6	[IM]	[IM]	[IM]	.6	[IM]	.8	.9	1.2	1.2	.8	1.2
17	1 3	.9	1.3	.5	1.5	.6	.9	.6	1.2	.8	1.7	2.0	[IM]	1.2	[IM]	[IM]	.8	.3	.5	.5	1.3	.1	.7	.0	.9	2.0
18	1 1	.4	.2	.1	.7	.2	.2	1	.3	.2	2.2	.2	.5	.8	.3	.5	.5	.2	.3	.2	.1	.5	.8	.6	.5	2.2
19	1	0	.0	.2	.0	.3	.9	1	.8	.3	.1	.9	.3	.3	.3	.5	.3	.3	.3	.3	1.0	.5	.4	.2	.4	1.0
20	.1	.4	.2	.1	.1	.2	.1	.2	.3	.8	.1	1.2	.5	.5	.8	1.0	[IM]	.5	.3	.3	.7	.4	.2	.6	.4	1.2
21	.2	.2	.3	1	.0	.2	.9	.4	.4	.4	.2	.2	.2	.3	.3	.3	.1	.1	.0	.2	.2	.1	.2	1.2	.3	1.2
22	.5	.2	.5	.4	.0	1.1	.2	.1	.9	.4	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	.3	.2	1.5	.2	.3	1.5
23	.2	1.0	2.1	.3	.8	.1	.5	.1	.1	.0	.5	.3	.2	.0	.1	.3	.2	.1	.1	.3	.2	.3	.5	.5	.4	2.1
24	.1	.6	.1	1.6	.1	.6	.4	.3	.1	.1	1.3	.3	1.2	.1	.1	.1	.1	.1	.1	.1	.2	.3	.7	.4	.4	1.6
25	.2	.2	.2	.6	1.0	.8	1.5	.9	.7	1.1	1.7	.1	.3	.3	.3	.3	.3	.4	.2	.1	.3	.6	.3	.1	.5	1.7
26	1 4	.5	1.5	.8	1.2	.4	.7	.7	.4	.1	.1	.1	.1	.1	.2	.1	.0	.1	.1	.8	1.2	.5	.4	.1	.5	1.5
27	.5	.1	1.3	.5	.6	.4	.8	.6	.8	.9	.5	.4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.2	2.1	1.2	.3	.6	.7	2.1
28	.2	.3	.6	.7	.4	.6	.5	1.8	.2	.2	.4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	.2	.1	.5	1.8
29	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	4.4	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	.4	4.4
30	.4	.1	.3	.4	.4	.2	.1	.9	.2	.3	1.2	[RF]	[RF]	[RF]	[RF]	.3	.2	.2	.4	.1	[RF]	1.4	.8	.5	.4	1.4
31	.1	.3	.2	.9	.4	.1	.4	.5	.3	.7	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	.4	.9
AV	.4	.4	.6	.5	.5	.4	.5	.5	.4	.4	1.1	.5	.4	.4	.3	.4	.3	.2	.3	.3	.7	.5	.6	.5	.5	[ ]
SD	.4	.3	.6	.4	.5	.3	.4	.4	.3	.3	1.1	.6	.3	.3	.2	.2	.2	.1	.2	.2	.6	.4	.4	.4	.2	[ ]

IDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE # 3

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	0	10	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3	10	0	0	0	0	0	10	10	10	10	10	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10	10
4	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
6	10	0	0	0	0	0	0	0	0	0	[CA]	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10
7	10	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10
8	0	10	10	10	10	10	0	0	0	10	10	10	10	10	10	10	10	10	10	10	0	0	0	10	10	10
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	0	0	0	0	10
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	0	0	0	0	10
14	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	0	0	0	0	10
15	10	0	0	0	0	0	0	0	0	0	0	0	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10
16	10	10	10	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
17	10	10	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
18	10	10	10	0	10	0	10	0	0	0	[CA]	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10
19	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	0	0	0	0	0	10
21	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	0	0	0	10	0	10
22	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	0	0	0	0	0	10
23	0	0	0	0	10	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	10	10	10	10	10	10	0	0	0	0	10
24	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
25	10	10	10	0	0	0	0	0	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	0	0	10
26	0	0	0	0	0	0	0	0	0	0	10	10	10	0	10	10	0	0	0	0	10	10	10	10	0	10
27	10	10	10	10	10	10	10	10	10	10	10	10	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10
28	10	10	10	10	10	10	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	10	10	10	0	10	10	10	0	0	0	0	0	0	0	0	10
31	[1	[1	[1	[3	[1	[3	[3	[2	[1	[1	[1	[1	[1	[1	[1	[2	[2	[2	[2	[2	[1	[1	[3	[2	[1	[1
NV	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	0	0	0	0 [	1
SD	5	5	5	4	5	4	4	4	4	5	5	5	5	5	5	4	5	5	5	5	5	5	5	5	3 [	1

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	20
2	10	10	10	10	10	10	10	10	10	[PF]	[PF]	10	10	10	10	10	10	10	10	20	10	10	10	10	10	20
3	10	10	10	10	10	10	10	10	10	10	10	[CA]	10	10	10	10	20	20	10	10	10	10	10	10	10	20
4	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	20
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	0	10	10	10
10	10	10	0	0	0	10	0	0	10	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10
11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	0	0	0	0	0	0	10	10
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	10
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	0	0	0	0	0	0	0	10
17	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	0	0	0	10	10
18	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	10	0	10	0	0	0	0	0	0	0	10
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	10
20	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	0	10	0	10	10	0	0	0	0	0	10
21	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	[CA]	0	10	0	0	0	0	0	0	10
22	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	0	0	0	0	0	0	0	0	10
23	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10
24	10	10	0	0	0	0	0	0	0	10	0	10	10	10	20	20	20	20	20	10	10	10	10	10	10	20
25	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	20	20	10	10	10	20
26	10	10	10	10	10	10	10	10	10	10	10	20	10	10	20	20	20	20	20	10	20	20	20	20	10	20
27	20	10	20	10	10	10	10	10	10	10	20	20	10	10	10	10	10	10	10	10	10	10	10	10	10	20
28	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
29	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
30	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
31	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
N7	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10 [	]
60	5	5	6	5	5	5	5	5	5	5	5	5	4	4	5	5	5	7	6	5	6	6	5	5	4 [	]

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	0	0	0	0	10	0	10
2	0	10	0	10	10	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10
6	10	10	10	10	10	10	10	10	10	0	[PF]	0	10	10	10	10	10	10	0	0	10	10	0	10	10	10
7	10	10	0	0	10	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	20	20	20	10	20
9	20	20	10	20	20	10	10	10	10	10	10	20	10	10	10	10	20	10	10	10	10	10	10	10	10	20
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
14	10	10	10	10	10	10	10	0	10	10	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10	10	10
15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	20
17	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
18	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
19	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10
21	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	20
22	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
23	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	[CA]	10	10	10	10	10	10	10	10	10	10
24	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
25	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
27	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
28	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
29	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
30	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	0	0	0	10	20
31	0	0	0	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10 [ ]	
SD	3	3	3	3	4	3	3	3	2	2	2	3	2	0	0	0	2	0	3	3	3	3	4	3	2 [ ]	

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]	[ ]

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	[PF]	[PF]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	[PF]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

NOVEMBER,1975

AEROVIRONMENT INC.

```
**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 15 APR 76   *
*                    *
**********************
*                    *
*     SUBJECT TO     *
*      REVISION      *
*                    *
**********************
```

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	10
2	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
3	0	0	0	0	0	0	0	0	0	0	0	10	0	[CA]	10	10	10	10	0	10	10	10	0	10	0	10
4	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	0	0	0	0	0	10
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	0	0	10
6	0	0	0	0	0	0	0	0	0	0	[CA]	10	10	0	10	0	0	0	0	0	0	0	0	0	0	10
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	10
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	10
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	10	0	0	0	0	0	0	10
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	0	0	0	0	0	0	0	0	10
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	10	10	10	0	0	0	0	0	0	10
16	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	0	0	0	0	0	0	10
17	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	0	0	0	0	0	0	0	0	10
18	0	0	0	0	0	0	0	0	0	0	[CA]	0	10	10	10	10	0	0	0	0	0	0	0	0	0	10
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	0	0	0	0	0	0	0	10
23	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	10	0	0	0	0	0	0	0	0	0	10
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	0	0	10	0	10
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	0	0	10
27	10	0	0	0	0	0	0	0	0	0	10	0	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10
28	10	10	10	10	10	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	10
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [	]
OD	2	2	2	2	2	2	2	2	2	0	3	3	4	4	5	5	5	5	4	4	3	3	3	3	2 [	1

ITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	10	0	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10
2	0	10	10	10	0	10	0	0	0	[PF]	[PF]	0	0	10	10	0	10	10	10	10	10	10	10	10	10	10
3	10	0	0	0	0	0	0	0	0	10	0	[CA]	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4	10	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10
5	0	10	0	10	10	0	0	0	0	0	0	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10
6	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7	10	10	10	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10
8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	10	0	10	0	0	10	10
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10	10	10	10	10	0	10
11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	0	0	0	0	0	0	0	10	10
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	10	0	0	0	0	10
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	0	0	0	0	0	0	0	0	0	10
23	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	0	10	0	10	10	10	0	0	10
24	10	10	0	0	0	0	0	0	0	10	0	0	10	10	10	10	10	20	10	10	10	10	10	10	10	20
25	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
26	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	10	20
27	20	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	0	10	10	0	10	10	10	10	20
28	10	10	10	10	10	10	10	10	10	10	10	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10
29	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	0	10	10
30	10	10	0	0	10	0	10	0	10	10	0	0	0	10	10	10	10	10	10	10	10	10	10	0	10	10
31	10	10	10	0	0	0	10	0	10	10	10	10	10	10	0	0	10	10	10	10	0	10	0	10	10	10
AVE	10	10	0	0	0	0	0	0	0	10	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	[ ]
SD	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	5	5	5	5	6	4	[ ]

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 15 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	10	0	0	0	0	10	0	10
2	0	10	0	10	10	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10
5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	[CA]	10	10	10	10	0	10	10	10	0	10	10
6	10	10	10	10	0	0	10	10	0	0	[PF]	0	0	10	10	10	10	10	0	0	0	0	0	0	0	10
7	10	10	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	10	10	0	10	10	10	10	0	0	0	10	10	10	10	10	10	10	10	10	20	20	20	20	10	10	20
9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10
12	10	0	0	10	10	10	10	10	10	0	0	10	10	10	10	10	10	10	10	0	10	0	0	0	10	10
13	10	10	10	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	0	0	10	0	0	0	10
14	0	0	0	0	0	0	0	0	0	0	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10	10	10
15	0	0	10	10	0	0	0	0	0	0	0	0	0	10	10	0	10	10	0	10	10	10	10	10	0	10
16	10	10	0	10	0	0	10	0	10	0	0	0	10	0	0	0	10	10	10	10	10	10	10	10	10	10
17	10	10	10	10	10	10	10	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10
18	10	0	10	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10
19	0	0	0	0	0	0	0	0	10	0	10	0	0	10	10	10	10	10	10	10	10	10	10	0	10	10
20	10	10	0	0	0	10	0	10	10	0	10	10	0	10	[CA]	0	10	10	10	10	10	10	10	0	10	10
21	0	0	0	0	0	0	10	0	0	10	10	10	10	0	10	10	10	10	10	10	10	10	10	0	10	10
22	0	0	0	0	0	0	0	0	10	10	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10
23	0	10	10	10	0	0	0	0	0	10	10	10	0	10	10	[CA]	10	10	10	10	10	10	0	10	10	10
24	10	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10
25	0	10	0	0	0	0	10	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	10
26	0	0	10	10	10	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	0	0	0	0	10	10
27	0	0	0	0	0	0	0	0	0	0	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10
28	10	10	10	10	10	10	10	10	10	10	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10
29	10	10	10	10	10	10	10	0	0	10	10	10	10	10	10	0	10	10	10	10	10	10	0	0	10	10
30	0	0	0	0	0	10	10	0	0	0	10	0	10	10	10	10	10	10	0	10	10	0	0	0	0	10
31	0	0	0	0	0	0	0	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	0	10	10
AV	10	10	0	10	0	0	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	[ ]
SD	5	5	5	5	5	5	5	5	5	5	5	5	5	3	3	4	2	2	3	4	4	4	5	5	2	[ ]

ZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

SUBJECT TO REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	70	60	50	50	40	30	30	30	30	30	60	80	90	100	100	100	100	90	80	80	70	60	60	50	70	100
2	50	50	50	50	40	40	40	30	40	50	50	60	70	60	80	90	80	80	70	70	60	60	50	50	60	90
3	40	30	40	40	40	40	40	40	30	40	50	60	70	[OR]	80	100	100	100	100	80	70	60	60	60	60	100
4	50	50	50	50	50	40	40	40	40	40	50	60	70	80	80	90	90	80	80	70	70	60	50	50	60	90
5	50	50	40	40	40	40	40	30	30	40	50	60	80	[IM]	[IM]	[IM]	60	50	50	50	40	30	30	30	40	80
6	30	20	20	20	20	20	20	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	20	30
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[CA]	[CA]	[CA]	[CA]	[CA]	70	70	60	60	60	50	50	50	40	60	70
24	50	50	50	50	50	40	50	40	40	40	40	40	40	50	50	50	60	50	50	50	50	50	60	60	50	60
25	60	60	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	60	60
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	50	50	40	40	40	40	40	30	30	40	50	60	70	80	80	80	80	70	70	70	60	50	50	50	50	[ ]
SD	11	13	10	10	9	7	9	5	5	5	6	12	15	18	16	19	16	16	17	12	11	10	10	10	13	[ ]

JUNE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 3

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM		
2	IM	IM	IM	IM	IM	IM	IM	IM	IM	PF	PF	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM		
3	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR		
4	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR		
5	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR		
6	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR		
7	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR		
8	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR		
9	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	IM	IM	IM	IM	IM	IM		
10	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM		
11	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM		
12	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	OR	OR	OR	OR	OR	OR	OR	OR	OR		
13	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR		
14	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR		
15	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR		
16	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR		
17	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR		
18	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR		
19	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR		
20	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR		
21	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR		
22	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR		
23	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR		
24	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM		
25	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM		
26	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM		
27	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	IM	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR		
28	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR		
29	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR		
30	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR		
31	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR	OR		
AV																										
BD																										

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 3

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	

TAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

NOVEMBER,1975

AEROVIRONMENT INC

****
* *
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
* *
****
* *
* SUBJECT TO *
* REVISION *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	0	0	0	0	0	5
2	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	0	0	0	0	5
3	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	0	0	0	5
4	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	0	0	0	0	5
5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	5	5	10	10	10	10	10	5	5	5	5	5	5	10
7	5	5	5	5	5	0	0	0	0	5	5	5	5	10	10	10	10	10	5	5	5	5	5	5	5	10
8	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	0	0	0	0	0	0	0	0	5
9	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	0	0	5	5	5	0	5	0	5
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	[CA]	35	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	5
16	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	0	5
17	5	5	5	5	0	5	0	5	5	5	0	5	5	0	5	5	0	0	0	0	5	5	5	0	5	5
18	5	5	5	5	5	5	0	0	5	5	5	5	5	5	5	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5
19	[CA]	[CA]	[CA]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
20	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	5
21	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5	5	5	5	0	0	0	0	5	5
22	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0	0	0	0	0	0	0	0	5	5	5	0	5
28	5	5	5	5	0	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	0	0	0	0
30	[IM]	[IM]	[IM]	[IM]	5	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3	3	2	3	3	3	0	0	0	0 [	1
SD	2	2	2	2	2	2	1	2	2	8	2	2	2	3	3	3	3	3	3	2	2	2	2	2	1 [	1

T[illegible]L SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 4

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0
12	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	[IM]	[IM]	0	[IM]	[IM]	0	0
14	[IM]	[IM]	0	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	[IM]	0	0
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
17	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	0	0
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	0	0
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0
23	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
GD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PERK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	0	0
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
AV	0	0	0	0	0	0	[ ]	[ ]	[ ]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	[ ]	[ ]	[ ]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 4

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

SUBJECT TO REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	0	0	0	0	0	5
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	0	0	0	0	0	0	0	5
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	0	0	0	0	0	0	5
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	5
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	[DR]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	5
18	[DR]	[DR]	[DR]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[ ]	[ ]
19	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0	0	0	0	0	5	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	0	5
20	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	25	15	12	15	15	15	15	15	15	15.	25
21	15	15	15	10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	15	15
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
23	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
24	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
25	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
26	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
27	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	0	0	0
30	[IM]	[IM]	[IM]	[IM]	5	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0 [	]
50	3	4	3	3	2	2	0	0	2	1	1	1	2	2	2	5	4	4	4	4	4	4	3	3	4 [	]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0
12	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	[IM]	[IM]	0	[IM]	[IM]	0	0	0
14	[IM]	[IM]	0	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	[IM]	0	0
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
17	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	0	0
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0
23	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 4

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	0	0
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
AV	0	0	0	0	0	0	0	[ ]	[ ]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]	[ ]
SD	0	0	0	0	0	0	0	[ ]	[ ]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 4

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
19	[CA]	[CA]	[CA]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[ ]	[ ]
20	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
21	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	0	0	0	0
30	[IM]	[IM]	[IM]	[IM]	0	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 4

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 14 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	5
12	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	[IM]	[IM]	0	[IM]	[IM]	0	0
14	[IM]	[IM]	0	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	[IM]	0	0
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	5	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	5
17	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	0	0
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	0	0
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0
23	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [	]
SD	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [	]

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 4

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
6	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
7	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	0	0
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
12	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0
15	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
22	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
24	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
25	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
26	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
27	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
AV	0	0	0	0	0	0	[ ]	[ ]	[ ]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	[ ]	[ ]	[ ]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

TOTAL SULFUR
(MICROGRAMS/CU METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 5

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	5	5	0	0	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	5
3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	20	5	0	10	[IM]	[IM]	5	20
24	10	10	10	10	10	20	15	20	20	15	15	10	10	10	5	5	5	5	5	5	5	0	5	[IM]	10	20
25	[IM]	[IM]	10	10	10	10	5	[IM]	5	5	15	5	5	5	10	5	10	5	10	5	[IM]	10	10	10	10	15
26	10	10	10	10	10	15	10	15	15	15	10	10	10	5	5	5	5	5	5	5	5	5	5	5	10	15
27	10	5	10	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	10
30	5	10	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	5	5	5	10	5	5	10
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	5	0	0	0	5	0	5	[ ]
SD	4	4	4	4	4	6	4	6	6	5	5	3	3	3	3	2	3	2	5	2	2	3	4	3	3	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 5

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	15	10	15	15	10	10	15	15	20	5	5	15	15	10	15	20
6	10	10	15	15	20	20	10	15	25	25	25	15	20	25	25	25	30	30	25	30	35	55	80	60	25	80
7	45	45	40	40	45	45	45	45	45	45	75	65	35	35	30	30	30	35	55	80	75	50	50	50	45	80
8	50	45	45	45	45	45	50	50	45	45	40	80	45	25	35	30	30	20	35	40	80	60	60	55	50	80
9	55	50	50	45	45	50	50	45	45	45	45	45	45	55	85	85	85	75	55	60	55	50	45	50	55	85
10	45	50	50	50	50	50	45	45	40	45	50	50	50	50	65	60	80	70	60	50	50	50	50	50	50	80
11	45	45	50	50	50	45	50	50	50	50	55	60	85	90	70	75	85	50	90	90	90	85	60	65	60	90
12	50	55	50	60	50	55	55	75	60	65	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	55	65
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
87	45	45	45	45	45	45	45	45	45	45	50	40	40	45	45	45	40	45	50	55	55	55	50	50	45	[ ]
93	15	14	12	13	10	10	14	12	10	11	22	20	22	23	27	26	26	20	22	26	27	19	16	17	16	[ ]

TOTAL SULFUR
(MICROGRAMS/CU METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 5

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
SD	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

YDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

NOVEMBER,1975

AEROVIRONMENT INC.

****
* *
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
* *
****
* *
* SUBJECT TO *
* REVISION *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0
3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	0	0
15	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
16	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
17	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
18	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
19	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
20	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
21	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
22	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
23	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	10	10	10	15	[IM]	[IM]	10	15
24	15	15	15	15	15	15	15	15	15	15	15	10	10	10	10	10	10	10	10	10	10	10	10	[IM]	10	15
25	[IM]	[IM]	10	10	10	10	10	[IM]	10	10	10	10	10	10	10	10	10	10	10	10	[IM]	15	15	15	10	15
26	15	15	15	15	15	15	15	15	15	15	10	5	5	5	5	5	5	5	5	5	5	5	5	5	10	15
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	5	5	5	5	5	5	5
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	5	5	0	5	5	0	5 [	]
SD	5	5	5	5	5	5	5	5	5	5	4	3	2	3	3	3	3	3	4	4	3	5	4	4	4 [	]

YDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 5

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	10	10	10	10	10	10	10	10	5	5	10	10	10	10	10
6	10	10	10	10	10	10	10	10	15	15	15	10	15	15	15	15	15	20	10	15	20	35	35	25	15	35
7	25	20	20	20	20	20	20	20	20	20	30	25	15	15	15	15	15	15	25	35	30	25	25	20	20	35
8	23	20	20	20	20	20	25	25	25	25	35	20	15	15	15	15	10	15	15	30	35	25	25	25	20	35
9	25	25	25	20	20	25	20	20	20	20	20	20	20	25	35	35	30	30	25	25	25	20	20	20	25	35
10	20	20	20	20	20	20	20	20	20	20	20	20	20	25	25	25	30	30	25	20	25	25	20	20	20	30
11	20	20	20	20	20	20	20	20	20	20	25	25	30	35	30	25	15	20	35	35	35	30	25	25	25	35
12	25	25	20	25	20	25	25	25	25	35	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	25	25
13	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[PF]	[PF]	[PF]	[PF]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
28	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
29	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AV	23	22	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	25	25	25	25	20	20 [	]
RD	5	3	4	4	3	3	5	5	3	3	8	6	6	8	9	8	9	7	9	10	10	7	7	5	5 [	]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE # 5

JANUARY, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 11 APR 76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
2	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
3	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
4	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
5	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
6	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
7	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
8	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
9	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
10	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
11	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
12	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
13	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
14	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
15	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
16	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
17	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
18	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
19	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
20	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
21	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
22	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
23	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
24	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
25	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
26	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
27	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
28	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
29	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
30	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
31	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	[ ]	[ ]
AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
99	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

ULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

NOVEMBER,1975

AEROVIRONMENT INC.

```
*********************
*                   *
*  PRELIMINARY DATA *
*  AS OF 11 APR 76  *
*                   *
*********************
*                   *
*   SUBJECT TO      *
*    REVISION       *
*                   *
*********************
```

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0
3	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5	5	5	5	5	5	5
24	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	10
25	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	10
26	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	0	0	5	0	0	0	0	0	0	5	5
27	5	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	5
30	0	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	5	0	5	5	5	5	5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AVE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
PEAK	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CU METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 5

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

SUBJECT TO REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
2	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
3	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
4	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
5	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	0	0	5	0	5	5	5	5	5	5	5	5	10	5	10
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	5	5	5	10
8	5	5	5	5	5	10	10	10	5	10	5	5	5	5	5	5	5	5	5	5	5	10	5	0	5	10
9	0	0	5	5	0	5	5	0	0	5	0	0	5	0	5	5	5	0	0	5	5	0	5	0	5	5
10	5	5	5	5	0	0	5	0	5	0	0	0	0	5	5	5	5	5	10	5	5	0	0	5	5	10
11	0	5	5	5	0	0	0	0	5	5	5	5	0	5	5	5	15	5	5	0	0	5	5	5	5	15
12	10	5	0	5	0	0	5	0	5	0	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	5	10
13	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
14	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
15	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
16	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
17	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
18	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
19	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
20	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(PF)	(PF)	(PF)	(PF)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
21	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
22	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
23	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
24	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
25	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
26	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
27	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
28	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	( )	( )
29	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(IM)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
30	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
31	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	(OR)	( )	( )
AV	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	( )
SD	3	2	2	0	2	3	3	4	2	3	2	2	2	2	0	0	3	2	3	2	3	4	2	3	1	( )

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 5

JANUARY, 1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 11 APR 76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
10	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
11	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
12	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
13	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
14	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
15	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
16	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
17	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
18	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
19	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
21	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
22	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
23	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
24	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
31	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
AT	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	10	5	5	5	5	5	5	0	5	10
2	0	0	0	0	0	0	0	0	0	0	5	5	10	10	5	10	10	10	5	5	5	5	0	0	5	10
3	0	0	0	0	0	0	0	0	0	0	0	5	5	5	10	10	10	10	5	5	5	5	5	5	5	10
4	0	0	0	0	0	0	0	0	0	0	5	5	5	10	10	10	10	10	5	5	5	5	0	0	5	10
5	0	0	0	0	0	0	0	0	0	0	5	5	[DA]	10	10	10	10	10	5	5	5	5	5	0	5	10
6	0	0	0	0	0	0	0	0	0	0	5	5	5	10	10	0	0	0	0	0	5	0	0	0	0	10
7	0	0	0	0	5	3	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
9	0	0	0	0	0	5	10	5	5	0	0	0	0	0	0	0	0	0	0	5	5	5	0	0	0	10
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10	5	5	0	10
11	0	0	5	0	0	5	0	0	5	10	10	0	0	0	0	0	0	0	0	0	0	5	10	5	5	10
12	5	5	0	5	0	5	5	5	5	5	0	5	0	0	0	0	5	5	5	5	5	5	5	5	5	5
13	10	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	10
14	0	5	5	0	0	0	0	0	0	0	5	5	0	0	0	5	5	0	0	0	0	0	0	5	0	5
15	5	5	0	5	0	5	0	0	0	0	0	5	0	5	5	5	5	5	10	10	0	0	0	5	5	10
16	10	5	10	10	5	5	10	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5	10	5	5	10
17	5	0	0	0	10	5	5	5	0	5	5	0	5	0	5	0	0	5	5	5	5	0	0	0	5	10
18	5	0	0	5	5	0	0	5	0	0	5	10	5	5	5	0	5	0	0	10	0	0	0	0	5	10
19	0	0	5	0	5	5	5	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	5	5
20	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[DA]	[DA]	[DA]	[DA]	[DA]	[DA]	[DA]	[DA]	0	0
22	[DA]	[DA]	[DA]	[DA]	[DA]	[DA]	[DA]	[DA]	[DA]	[DA]	[DA]	[DA]	[DA]	[DA]	[DA]	[DA]	5	5	6	6	6	6	0	0	0	5
23	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	6	5	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	3	0	3	3	5	5	0	0	0	5	5	0	0	5	5	5	5	5	0	0	0	0	0	0	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5
27	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	0	0	5	0	5	5
28	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	5	5	0	0	0	5	0	0	5
29	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5	5	5	5	5	5	5	5	5	0	5
30	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0 [	]
SD	3	3	3	3	3	2	3	2	2	3	3	3	3	4	4	4	4	4	3	3	2	3	3	2	1 [	]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

SUBJECT TO REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	0	0	0	0	0	0	0	0	0	5
2	0	0	0	0	0	0	0	0	0	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5
3	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
4	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	5
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	5	5	5	0	0	0	0	0	0	5
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	5	5	0	0	0	0	0	0	0	5
9	0	0	0	0	0	0	0	0	0	5	5	0	0	5	5	0	5	5	5	5	0	0	0	0	0	5
10	0	5	0	5	5	0	0	0	0	0	5	0	5	5	5	0	5	5	5	5	0	0	5	0	5	5
11	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	5	0	0	0	0	0	0	0	0	5
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	0	0	0	0	0	0	5
15	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	0	0	0	0	0	0	0	0	5
16	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	0	0	0	0	0	5
17	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	0	5	0	0	0	0	0	5
18	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	0	0	0	5	0	5
19	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	0	0	0	0	0	0	5
20	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	0	0	0	0	0	0	0	5
21	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	5
22	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	0	0	0	0	0	5
23	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	5
25	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	0	0	0	0	0	5
26	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5
27	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5
28	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5
29	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
AV	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	0	0	0	0	0	0 [	]
SD	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1 [	]

TOTAL SULFUR
(H.PROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JANUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 11 APR 76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	3	5	3	3	5	3	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	10	10	10
2	5	5	5	3	5	5	5	5	10	5	5	5	10	10	5	10	10	5	5	5	5	5	5	5	5	10
3	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	5	5	5	5	5	5	5	5	10
4	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	5	5	5	5	5	5	10
5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	10	10	10	10	10	10	5	5	5	5	5	10
6	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	5
7	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	10	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	5	5	5	5	5	10
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	10	10	10	10	5	5	5	10
10	5	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	10	10	10	10	10	5	5	10	15
11	5	5	5	5	5	5	5	10	10	10	10	10	10	15	15	15	15	10	10	10	10	10	5	5	10	15
12	10	10	10	5	10	5	10	10	5	10	10	10	10	15	15	15	15	10	10	10	10	10	10	10	10	15
13	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	10	15	15	15	15	15	15	15
14	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	10	10	10	10	10	10	15
15	10	10	10	10	10	10	10	10	0	10	10	10	10	15	15	15	15	15	10	10	10	10	10	10	10	15
16	10	10	10	10	10	10	10	10	10	15	15	10	15	15	15	15	15	15	15	15	15	10	10	10	10	15
17	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	10	10	10	10	10	10	15
18	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	10	10	15	15	15	15
19	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	10	10	10	10	10	10	10	15
20	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	10	10	10	10	10	10	15
21	10	10	10	10	10	10	10	10	10	10	15	10	10	15	15	15	15	10	10	10	10	10	10	10	10	15
22	10	10	10	10	10	10	10	10	10	10	15	10	10	15	15	15	15	15	15	15	10	10	10	10	10	15
23	10	10	10	10	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	10	10	10	10	15	15
24	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	10	10	10	10	10	10	15
25	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
26	10	10	10	10	10	10	10	10	15	15	10	10	10	15	15	15	15	10	10	10	10	10	10	10	10	15
27	10	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	10	10	10	10	10	10	10	15
28	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	10	10	10	10	10	15
29	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	10	10	10	10	10	10	10	15
30	10	10	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	10	10	10	10	10	10	15
31	10	10	10	10	10	10	10	10	10	10	15	15	15	15	15	15	15	15	15	10	10	10	10	10	10	15
AVE	10	10	10	10	10	10	10	10	10	10	11	10	10	13	13	13	13	10	10	10	10	10	10	10	10	[ ]
PEAK	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	2	2	3	3	3	3	2	2	3	3	[ ]

DROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
22	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	5	0	5	0	5	5	5	5	5	5	5	5	0	0	0	0	0	0	5
30	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	5	5	5	5	0	0	5	0	0	5
31	0	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [	1
SD	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1 [	1

HYDROGEN SULFIDE
(MICROGRAMS/CU METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE 9 6

JANUARY, 1976

AEROVIRONMENT INC.

```
**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 11 APR 76   *
*                    *
**********************
*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
**********************
```

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	5
7	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
31	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
AVE	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5 [	1
PEAK	5	5	5	5	1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5 [	1

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0	0	0	5
2	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	0	0	0	0	0	0	5
4	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	0	0	0	0	0	0	0	0	5
5	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	5	5	5	5	5	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0	0	0	0	0	0	5
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	0	0	5	0	0	0	0	0	0	0	5
19	0	0	0	0	0	0	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
22	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
88	0	0	0	0	0	0	0	0	0	1	0	2	2	2	2	2	2	2	0	0	0	0	0	0	0 [ ]	

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO *
* REVISION *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

SULFUR DIOXIDE
(MICROGRAMS/CUB. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE # 6

JANUARY, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0
7	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	

TAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1070	1120	1090	1100	1130	1150	1120	1110	1110	1100	1110	1150	1050	1050	1080	1030	1030	1040	1050	1060	1070	1070	1080	1080	1090	1150
2	1090	1090	1080	1080	1100	1090	1310	1110	1160	1130	1110	1070	1040	1020	1030	1030	1050	1000	990	1030	1070	1090	1090	1090	1080	1310
3	1090	1100	1100	1100	1110	1110	1110	1130	1230	1270	1170	1140	1140	1090	1070	1170	1090	1150	1150	1150	1140	1140	1140	1150	1140	1270
4	1150	1170	1160	1160	1170	1180	1190	1160	1190	1130	1140	1120	1140	1140	1130	1130	1140	1150	1160	1170	1190	1220	1210	1210	1170	1220
5	1220	1220	1220	1220	1230	1220	1230	1220	1240	1460	1330	1230	[DR]	1220	1190	1150	1160	1160	1180	1190	1210	1220	1200	1170	1220	1460
6	1170	1160	1150	1140	1170	1120	1120	1170	1290	1200	1210	1240	1220	1150	1110	1110	1130	1130	1110	1080	1070	1060	1090	1190	1150	1290
7	1240	1180	1130	1120	1110	1110	1140	1130	1240	1600	1300	1230	1080	1040	1030	1030	1040	1050	1030	1050	1040	1030	1020	1030	1130	1600
8	1240	1070	1100	1110	1050	1050	1040	1090	1070	1060	1050	1080	1090	1020	[DR]	1050	1030	1100	1090	1070	1060	1050	1070	1050	1070	1240
9	1060	1060	1050	1050	1060	1060	1070	1020	1230	1090	1060	1070	1070	1130	1050	1100	1170	1050	1050	1050	1070	1090	1080	1080	1080	1230
10	1070	1070	1070	1170	1120	1140	1100	1070	1370	1200	1270	1120	1160	1170	1170	1160	1160	1150	1150	1040	1060	1070	1060	1290	1150	1370
11	1090	1070	1080	1070	1080	1080	1080	1090	1110	1100	1160	1160	1160	1070	1070	1090	1080	1090	1090	1100	1100	1140	1130	1130	1190	1160
12	1140	1140	1140	1140	1140	1140	1140	1150	1150	1140	1140	1150	1190	1150	1100	1100	1310	1140	1200	1140	1130	1130	1140	1140	1150	1310
13	1140	1130	1160	1170	1160	1150	1150	1150	1150	1170	1140	1140	1140	1170	1180	1140	1280	1130	1130	1130	1140	1160	1170	1180	1160	1280
14	1190	1200	1190	1190	1200	1190	1180	1190	1180	1180	1280	1160	1120	1160	1200	1190	1190	1280	1170	1190	1210	1210	1240	1250	1200	1280
15	1260	1250	1260	1260	1230	1240	1290	1320	1290	1260	1270	1230	1210	1200	1190	1180	1200	1230	1220	1200	1190	1190	1200	1220	1230	1320
16	1210	1210	1210	1190	1180	1180	1100	1200	1230	1280	1250	1250	1260	1260	1330	1210	1200	1200	1190	1190	1180	1150	1130	1130	1210	1330
17	1170	1250	1140	1140	1140	1150	1150	1160	1200	1240	1260	1190	1290	1370	1370	1360	1320	1460	1360	1310	1270	1270	1270	1210	1250	1460
18	1270	1230	1300	1220	1230	1230	1240	1220	1230	1220	1170	1140	1130	1110	1100	1120	1170	1190	1390	1110	1080	1080	1090	1100	1190	1390
19	1220	1100	1110	1110	1110	1100	1100	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	1120	1220
20	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	1090	1120	1100	1110	1120	1110	1140	1140	1130	1140	1120	1140
21	1160	1150	1120	1120	1140	1130	1150	1280	1140	1160	1140	1190	1220	1130	1150	1170	1400	1330	1240	1390	1550	1560	1570	1560	1260	1570
22	1510	1390	1350	1330	1340	1360	1340	1340	1410	1370	1390	1320	1250	1280	1320	1370	1140	1180	1150	1140	1140	1120	1160	1110	1290	1510
23	1110	1130	1110	1200	1110	1110	1260	1120	1130	1160	1140	1240	1150	1180	1270	1120	1130	1120	1120	1130	1140	1150	1150	1160	1150	1260
24	1160	1160	1160	1160	1160	1160	1150	1160	1200	1350	1380	1310	1340	1250	1160	1140	1170	1150	1150	1130	1150	1100	1060	1050	1180	1360
25	1040	1060	1050	1090	1080	1070	1090	1140	1120	1110	1090	1080	1050	1080	1080	1090	1100	1100	1110	1120	1120	1130	1130	1130	1100	1140
26	1130	1130	1140	1130	1130	1130	1140	1260	1360	1400	1590	[DR]	1080	1080	1070	1100	1150	1160	1180	1200	1310	1320	1250	1200	1290	1590
27	1180	1200	1200	1230	1230	1250	1580	1400	1260	1240	1230	1240	1210	1260	1260	1240	1250	1260	1280	1360	1400	1420	1430	1440	1290	1580
28	1430	1410	1410	1430	1390	1420	1420	1410	1400	1390	1450	1350	1260	1020	1030	1040	1060	1050	1080	1080	1110	1100	1090	1110	1250	1450
29	1080	1080	1070	1070	1090	1160	1070	1080	1090	1080	1130	1060	1050	1090	1070	1060	1080	1080	1080	1090	1090	1090	1140	1090	1090	1160
30	1100	1120	1090	1100	1100	1130	1120	1120	1210	1470	1650	1200	1070	1030	1060	1070	1120	1090	1080	1090	1100	1100	1180	1080	1140	1650
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	1170	1160	1150	1160	1160	1180	1180	1190	1210	1240	1240	1180	1160	1140	1140	1130	1160	1150	1150	1140	1160	1160	1160	1160	1170	[ ]
SD	103	89	86	83	76	81	115	92	90	137	148	78	60	89	93	83	92	94	88	89	109	113	111	111	63	[ ]

TOTAL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A-6

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1030	1110	1040	1050	1040	1030	1030	1070	1060	1120	1140	1080	1070	1020	1090	1130	1130	1130	1230	1140	1140	1140	1140	1260	1100	1260
2	1110	1110	1050	1050	1050	1180	1380	1440	1240	1380	1310	1240	[DA]	1110	1080	1110	1100	1110	1110	1110	1120	1130	1130	1140	1160	1440
3	1140	1140	1140	1140	1130	1150	1140	1130	1120	1130	1150	1120	1150	1150	1240	1170	1420	1570	1180	1140	1140	1130	1140	1140	1180	1570
4	1150	1150	1150	1160	1170	1160	1160	1200	1390	1460	1460	1360	1410	1220	1270	1140	1190	1210	1270	1330	1340	1400	1350	1340	1270	1460
5	1270	1300	1420	1350	1370	1530	1370	1520	1390	1390	1350	1370	1350	1360	1360	[DA]	1400	1570	1440	1440	1470	1460	1440	1470	1410	1570
6	1430	1510	1480	1460	1500	1460	1460	1300	1360	1350	1350	1340	1270	1200	1310	1300	1340	1290	1290	1260	1250	1280	1270	1360	1310	1510
7	1050	1200	1170	1130	1160	1140	1120	1180	1100	1250	1210	1220	1290	1400	1220	1340	1420	1490	1330	1270	1290	1280	1260	1300	1250	1490
8	1340	1240	1220	1330	1350	1210	1300	1220	1400	1410	1460	1380	1440	1430	1440	1440	1450	1560	1690	1680	1700	1690	1690	1650	1450	1700
9	1640	1700	2040	1650	1650	1590	1600	1560	1600	1510	1430	1530	1510	1450	1460	1570	1490	1500	1720	1520	1490	1480	1420	1520	1570	2040
10	1450	1450	1450	1440	1430	1420	1310	1400	1410	1400	1390	1370	1430	1450	1390	1420	1380	1430	1380	1740	1440	1430	1450	1470	1440	1740
11	1470	1500	1500	1440	1410	1450	1450	1500	1440	1460	1440	1440	[DA]	1480	1410	1450	1440	1490	1460	1520	1480	1460	1570	1450	1470	1570
12	1300	1540	1520	1490	1510	1640	1520	1570	1670	1580	1580	1410	1040	980	980	1000	1060	1000	1060	1000	970	960	970	960	1270	1670
13	970	970	950	950	980	960	950	1000	980	980	940	930	950	930	920	950	980	970	1070	1030	1000	990	990	990	970	1070
14	980	990	1000	1020	1040	1060	1070	1060	1050	1050	1050	1050	1050	1050	1030	1030	1060	1020	1040	1060	1090	1100	1100	1110	1050	1110
15	1090	1100	1110	1100	1100	1120	1130	1120	1080	1180	1180	1210	1060	1050	1050	1200	1040	1060	1060	1070	1080	1100	1160	1090	1110	1210
16	1090	1130	1100	1100	1160	1120	1110	1120	1200	1170	1220	1340	1390	1460	1310	1270	1280	1330	1350	1380	1340	1280	1250	1290	1240	1460
17	1200	1110	1110	1310	1510	1510	1310	1110	1240	1570	1830	1570	1460	1290	1280	1230	1220	1400	1270	1300	1280	1260	1230	1220	1330	1830
18	1190	1220	1120	1160	1170	1180	1170	1210	1230	1230	1270	1170	1110	1130	1140	1190	1070	1110	1110	1120	1220	1130	1130	1140	1170	1270
19	1140	1150	1130	1160	1170	1120	1170	1190	1250	1330	1400	1240	1170	1170	1140	1150	1290	1300	1330	1260	1240	1240	1240	1250	1220	1400
20	1280	1260	1230	1270	1240	1240	1220	1280	1270	1510	[DA]	1270	1190	1280	1240	1310	1390	1670	1450	1460	1410	1410	1400	1390	1330	1670
21	1350	1400	1400	1360	1350	1400	1320	1480	1530	1550	1610	1440	1340	1450	1440	1400	1520	1600	1640	1790	1970	2040	2060	1820	1550	2060
22	1790	1710	1680	1690	1550	1680	1510	1450	1510	1680	1630	1510	1460	1550	1620	1560	1510	1520	1590	1570	1530	1490	1460	1440	1570	1780
23	1440	1570	1460	1660	1510	1490	1480	1520	1530	1440	[DA]	1520	1470	1490	1630	1730	1620	1590	1540	1470	1550	1510	1400	1430	1520	1730
24	1420	1440	1420	1390	1500	1510	1360	1380	1390	1420	1470	1460	1340	1430	1510	1600	1790	1970	2000	1660	1630	1770	1670	1710	1550	2000
25	1650	1770	1640	1640	1780	1680	1730	1630	1700	1670	1620	1600	1600	1640	1680	1590	1600	1730	1840	1890	1890	1910	1850	1790	1720	1910
26	1920	1950	2080	1840	1890	1800	1740	1770	1880	1740	1780	1700	1700	1580	1610	1720	1860	1960	1950	1790	1790	1730	1840	1880	1810	2080
27	1910	1830	1840	1870	1960	1840	1800	1730	1650	1640	1560	1520	1230	1160	1160	1160	1210	1250	1090	1030	1080	1070	1040	1060	1440	1960
28	1040	1050	1040	1040	1040	1060	1110	1050	1070	1070	1040	1130	1040	1050	1040	1000	1140	1000	1030	1040	1040	1060	1040	1050	1050	1140
29	1050	1050	1050	1050	1050	1050	1110	1110	1110	1120	1240	1310	1180	1050	1050	1050	980	1050	1110	1050	1110	1110	1110	1110	1100	1310
30	1110	1110	1030	1110	1180	1110	1050	1110	1180	1180	1180	1110	1110	1110	1110	1440	1440	1310	1110	1180	1110	1180	1050	980	1150	1440
31	980	950	980	1050	980	980	1110	1110	1050	980	980	980	980	1050	1050	980	1110	1030	1050	1110	1110	1050	1050	1110	1040	1110
AV	1310	1320	1310	1310	1320	1320	1310	1310	1320	1360	1360	1320	1270	1270	1260	1290	1320	1370	1350	1340	1330	1330	1320	1320	1320	[ ]
SD	262	270	299	253	263	251	224	221	215	210	295	187	194	199	208	222	226	274	279	264	262	272	274	253	210	[ ]

AL HYDROCARBONS
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1050	1050	1050	1050	1050	1050	1050	1050	980	1010	1430	[CA]	1020	1000	1040	1070	1030	1110	1060	1020	1050	1050	1070	1070	1060	1430
2	1060	1070	1080	1080	1400	1610	2040	1900	2050	1510	1430	1330	1370	1310	1280	1210	1130	1200	1180	1250	1230	1210	1210	1220	1350	2050
3	1210	1230	1220	1220	1190	1200	1180	1200	1220	1180	1170	1220	1130	1130	1130	1110	1110	1260	1320	1300	1380	1310	1310	1340	1220	1380
4	1340	1340	1360	1370	1370	1400	1360	1320	1350	1330	1250	[CA]	1050	1080	1080	1100	1100	1110	1100	1100	1110	1120	1130	1160	1220	1400
5	1180	1160	1160	1190	1250	1160	1250	1250	1170	1160	1380	1260	1260	1300	1270	1230	1330	1240	1360	1330	1430	1770	1780	1770	1320	1780
6	1710	1720	1960	1710	1690	1660	1530	1450	1380	1380	[PF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	1620	1960
7	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	690	2110	2150	1780	1890	[CA]	1030	1800	1350	1280	1210	1200	1240	1200	1160	1180	1330	1330	1440	2150
8	1440	1510	1430	1420	1420	1460	1420	1400	1430	1180	1490	1550	1440	1420	1400	1400	1440	1450	1450	1420	1400	1400	1400	1390	1440	1550
9	1370	1450	1410	1390	1380	1370	1500	1370	1440	1500	1450	1440	1410	1300	1360	1350	1320	1500	1460	1460	1450	1580	1610	1550	1430	1610
10	1740	1920	1590	1770	1570	1600	1600	1630	1760	1660	1600	1420	1440	1110	1220	1200	1130	1080	1170	1200	1080	1050	1060	1060	1400	1920
11	1060	1050	1100	1360	1100	1060	1240	1560	1470	1250	1560	1550	1270	1120	1210	1150	1140	1230	1140	1090	1070	1070	1080	1110	1210	1560
12	1100	1210	1200	1210	1220	1400	1250	1270	1280	1290	1320	1350	1340	1280	1450	1400	1300	1220	1080	990	970	990	1020	990	1210	1450
13	980	990	990	1050	1000	1030	990	1030	990	1020	1020	[CA]	[CA]	[CA]	1060	1030	1130	990	1000	1030	1050	1050	1070	1070	1030	1130
14	1120	1200	1140	1120	1100	1090	1200	1400	1690	1670	1710	1510	1390	1130	1140	1080	1080	1110	1140	1100	1120	1120	1190	1080	1240	1710
15	1100	1130	1100	1120	1140	1170	1240	1130	1110	1280	1250	1190	1150	1140	1190	1190	1190	1190	1210	1460	1400	1460	1320	1280	1210	1460
16	1310	1300	1290	1320	1270	1290	1300	1400	1370	1310	1380	[CA]	1180	1210	1270	1330	1220	1310	1510	1610	1460	1450	1430	1400	1340	1610
17	1410	1370	1310	1290	1350	1280	1290	1370	1350	1430	1430	1340	1310	1310	1310	1330	1280	1250	1330	1400	1410	1370	1350	1330	1340	1430
18	1420	1330	1310	1310	1310	1600	1980	1830	2840	3240	2710	1920	1440	1510	1350	1320	1490	2120	1910	1990	1830	1710	1760	1580	1780	3240
19	1090	1090	1170	1130	1160	1160	1190	1130	1090	1190	1180	1180	1180	1130	1090	1140	1190	1190	1210	1190	1170	1170	1180	1200	1170	1280
20	1230	1190	1180	1190	1190	1230	1290	1270	1220	1250	1810	1570	1240	1240	1160	1120	1140	1230	1200	1210	1220	1240	1240	1260	1260	1810
21	1230	1310	1350	1350	1320	1320	1360	1350	1660	2090	2300	1580	1460	1370	1270	1190	1170	1260	1230	1220	1240	1280	1280	1300	1400	2300
22	1300	1320	1330	1310	1320	1320	1320	1540	1780	1590	1890	1690	1380	3920	3540	2750	2090	1780	1780	1670	1640	1640	1640	1610	1790	3820
23	1540	1520	1590	1580	1570	1560	1520	1910	1720	1940	1970	1820	1540	1450	1430	1380	1360	1370	1400	1450	1440	1440	1440	1420	1570	1970
24	1430	1470	1410	1460	1730	1670	1680	1650	1540	1570	1550	1460	1440	1440	1460	1450	1400	1300	1310	1300	1300	1250	1170	1120	1440	1730
25	1090	1070	1080	1060	1050	1070	1110	1150	1150	1210	1330	[CA]	1130	1060	1040	980	970	980	990	1000	1000	1010	1010	1010	1070	1330
26	1030	1030	1040	1030	1040	1070	1300	1610	1890	1810	1450	1210	1100	1180	1130	1130	1140	1180	1220	1230	1220	1220	1220	1200	1240	1890
27	1180	1170	1360	1430	1340	1160	1160	1230	1130	1210	1370	1160	1150	1130	1090	1080	1170	1210	1220	1240	1220	1210	1240	1190	1210	1430
28	1200	1220	1180	1200	1170	1140	1140	1210	1150	1170	1160	1180	[CA]	[CA]	1180	1140	1130	1150	1170	1190	1190	1220	1220	1180	1180	1220
29	1170	1200	1210	1150	1310	1210	1280	1410	1410	1360	1670	1760	1330	1160	1050	1050	1080	1250	1410	1180	1150	1170	1180	1220	1270	1760
30	1290	1200	1210	1210	1220	1240	1630	1820	1990	2120	1780	1640	1540	1260	1190	1240	1280	1300	1150	990	1000	1000	1000	1000	1350	2120
31	1040	1000	1020	1020	1030	1030	1050	1090	1050	1160	1580	[CA]	1030	1070	1080	1130	1080	1250	1410	1290	1260	1210	1210	1220	1140	1580
AV	1260	1260	1260	1270	1280	1290	1330	1420	1480	1490	1550	1450	1310	1330	1290	1250	1230	1270	1280	1270	1260	1260	1270	1280	1320	[ ]
SD	194	214	201	189	186	199	269	276	402	428	348	217	180	501	436	304	201	217	202	217	195	207	206	189	183	[ ]

METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A-6

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1080	1090	1100	1090	1100	1130	1110	1100	1080	1070	1070	1050	1050	1050	1040	1050	1060	1060	1080	1100	1100	1100	1090	1080	1080	1130
2	1080	1090	1080	1080	1090	1090	1090	1100	1100	1060	1050	1050	1060	1050	1070	1080	1060	1040	1020	1030	1080	1110	1110	1110	1080	1110
3	1110	1110	1110	1100	1100	1110	1110	1140	1160	1150	1110	1090	1090	1050	1050	1070	1090	1080	1080	1080	1180	1160	1160	1160	1110	1180
4	1150	1160	1140	1150	1150	1130	1160	1160	1160	1140	1100	1090	1090	1090	1090	1100	1110	1150	1170	1190	1190	1210	1190	1180	1140	1210
5	1190	1180	1170	1180	1180	1170	1170	1170	1180	1270	1190	1160	[DR]	1130	1110	1090	1120	1160	1170	1210	1220	1210	1180	1160	1170	1270
6	1140	1140	1130	1110	1120	1090	1100	1120	1170	1100	1110	1120	1100	1060	1070	1090	1120	1140	1090	1060	1050	1050	1060	1140	1100	1170
7	1190	1130	1090	1090	1090	1080	1100	1090	1120	1290	1200	1140	1070	1060	1050	1060	1050	1040	1040	1040	1040	1030	1030	1000	1090	1290
8	1010	1010	1040	1040	1020	1020	1020	1040	1040	1030	1020	1000	1020	1020	[DR]	1010	1010	1030	1040	1030	1030	1020	1020	1030	1020	1040
9	1030	1040	1040	1040	1050	1040	1040	1050	1050	1040	1020	1020	1020	1010	1020	1020	1030	1030	1030	1030	1050	1070	1060	1060	1040	1070
10	1060	1050	1040	1070	1080	1060	1040	1030	1140	1120	1120	1030	1060	1060	1060	1060	1070	1070	1080	1020	1030	1030	1030	1040	1060	1140
11	1050	1050	1050	1050	1050	1060	1060	1060	1080	1060	1040	1020	1020	1040	1040	1050	1070	1070	1090	1100	1100	1120	1120	1120	1070	1120
12	1130	1130	1120	1130	1130	1120	1110	1120	1110	1110	1090	1070	1070	1060	1060	1060	1090	1130	1180	1130	1120	1120	1130	1130	1110	1180
13	1120	1130	1140	1150	1130	1120	1120	1120	1110	1090	1090	1080	1080	1100	1090	1090	1090	1090	1090	1100	1120	1140	1130	1140	1110	1150
14	1150	1130	1140	1140	1140	1130	1120	1120	1130	1110	1100	1090	1060	1090	1110	1120	1130	1120	1100	1120	1130	1140	1160	1170	1120	1170
15	1180	1170	1170	1170	1170	1130	1130	1180	1170	1140	1140	1130	1130	1120	1120	1140	1150	1150	1140	1130	1130	1140	1160	1150	1150	1190
16	1160	1160	1150	1140	1140	1130	1130	1140	1130	1100	1130	1120	1130	1140	1130	1120	1120	1130	1110	1120	1110	1100	1090	1090	1130	1160
17	1100	1090	1100	1090	1100	1100	1100	1110	1100	1120	1120	1060	1140	1200	1200	1210	1200	1200	1220	1180	1160	1160	1140	1130	1140	1220
18	1160	1080	1190	1180	1160	1160	1160	1150	1150	1130	1100	1070	1060	1030	1050	1070	1100	1120	1120	1070	1050	1050	1060	1070	1110	1190
19	1070	1070	1080	1080	1080	1080	1070	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	1080	1080
20	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	800	1070	1110	1170	1140	1140	1140	1130	1120	1130	1100	1170
21	1140	1130	1120	1110	1110	1110	1110	1110	1130	1130	1110	1100	1090	1080	1090	1080	1080	1080	1100	1120	1140	1150	1150	1140	1110	1150
22	1140	1140	1140	1150	1140	1140	1140	1150	1150	1150	1120	1110	1090	1070	1060	1070	1070	1100	1090	1090	1110	1090	1100	1080	1110	1150
23	1080	1090	1080	1080	1080	1090	1080	1020	1090	1070	1070	1210	1060	1070	1050	1050	1070	1070	1080	1070	1090	1090	1100	1100	1080	1210
24	1100	1100	1110	1110	1100	1110	1100	1100	1110	1150	1140	1120	1130	1100	1050	1040	1070	1060	1050	1040	1030	1040	1010	1020	1080	1150
25	1000	1000	1020	1030	1020	1030	1050	1090	1070	1060	1050	1030	1040	1030	1020	1040	1040	1060	1060	1070	1080	1080	1090	1090	1050	1090
26	1090	1090	1100	1090	1090	1080	1080	1130	1180	1160	1320	[DR]	1010	990	990	1000	1050	1060	1070	1080	1100	1090	1110	1100	1090	1320
27	1100	1110	1100	1120	1120	1110	1100	1110	1130	1110	1110	1100	1090	1120	1130	1120	1130	1130	1150	1190	1240	1270	1260	1260	1140	1270
28	1240	1220	1230	1230	1190	1200	1190	1200	1200	1190	1210	1150	1100	970	970	980	990	1000	1010	1010	1020	1030	1020	1030	1110	1240
29	1010	1010	1020	1030	1030	1030	1030	1030	1020	1020	1060	1060	1100	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	1030	1100
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	1110	1110	1110	1110	1110	1100	1100	1110	1120	1120	1110	1090	1080	1070	1060	1070	1080	1090	1100	1090	1110	1110	1110	1110	1100	[ ]
SD	58	55	50	49	45	45	45	44	44	63	63	48	35	49	62	45	43	49	51	55	58	60	58	57	36	[ ]

METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

DECEMBER,1975

AEROVIRONMENT INC.

****
* *
* PRELIMINARY DATA *
* AS OF 16 APR 76 *
* *
****
* *
* SUBJECT TO *
* REVISION *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	140	140	140	140	130	140	140	130	130	160	170	170	170	160	150	150	160	150	150	150	140	150	140	140	150	170
2	130	130	130	130	130	130	130	130	130	130	200	200	[DA]	870	830	790	760	760	770	780	750	690	680	630	440	870
3	660	650	620	640	630	590	540	530	620	730	830	840	830	750	720	750	790	750	710	730	690	670	670	670	690	840
4	630	630	610	610	570	560	550	530	580	710	800	830	820	770	760	770	750	720	710	690	690	650	650	610	680	830
5	570	600	590	580	570	540	560	560	620	650	740	810	800	780	770	2790	710	730	660	660	670	700	690	690	750	2790
6	670	660	660	670	630	610	600	570	610	710	780	840	770	780	770	730	770	720	720	690	680	690	690	650	690	840
7	690	590	570	570	570	570	550	550	560	680	760	800	780	760	760	790	790	780	760	710	680	650	670	590	670	800
8	650	640	600	620	560	560	530	620	720	730	770	2500	880	870	760	800	830	790	800	710	680	660	700	620	780	2500
9	610	610	590	620	580	560	600	650	630	690	660	740	770	790	790	800	800	710	690	700	690	700	650	670	680	800
10	700	660	660	660	650	660	620	630	640	660	730	760	740	760	760	750	740	710	730	720	720	720	710	690	700	760
11	700	700	650	680	670	670	680	650	660	700	710	750	3280	920	870	810	770	720	740	760	720	680	690	670	830	3280
12	690	620	640	640	620	610	580	590	610	610	680	730	780	830	800	800	790	790	780	800	800	800	770	720	710	830
13	680	650	640	670	640	670	640	670	610	690	790	830	760	780	750	750	720	700	690	670	660	640	630	560	690	830
14	550	540	510	520	490	440	450	460	520	460	410	470	2060	2520	560	850	840	620	380	200	70	90	240	320	610	2520
15	360	370	380	390	390	390	390	390	390	270	220	540	820	920	910	950	860	620	450	250	90	90	100	190	450	950
16	310	380	400	410	420	400	430	430	430	150	420	710	850	1020	1030	1010	1000	820	570	480	340	200	100	70	520	1030
17	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	260	710	1180	1220	1140	1170	1140	1100	850	710	460	330	220	220	90	720	1220
18	60	120	180	220	340	350	440	450	360	190	610	900	1040	1140	1190	1200	1170	920	630	560	400	330	140	60	540	1200
19	120	230	280	390	410	440	440	440	420	170	450	820	890	1040	1090	1120	950	730	530	370	200	130	120	220	500	1120
20	220	310	300	390	420	430	420	390	400	200	1660	510	750	870	830	840	880	600	310	160	80	140	190	250	480	1660
21	290	260	350	300	250	280	300	320	210	130	100	520	750	780	920	930	800	600	540	400	320	300	280	180	420	930
22	70	120	120	160	190	290	280	360	280	140	460	660	860	930	920	950	920	690	480	340	180	110	90	50	400	950
23	120	110	100	200	60	60	80	60	80	1650	4940	560	640	670	770	810	780	610	420	320	170	110	40	60	560	4940
24	130	200	350	400	400	410	420	420	420	130	200	430	720	810	890	750	590	460	370	370	340	300	290	210	420	890
25	200	280	220	250	170	140	110	70	60	130	430	730	840	860	890	950	900	600	410	280	310	220	210	110	390	950
26	130	100	170	180	60	60	130	200	100	260	630	1890	2940	1100	960	890	690	590	450	420	400	360	290	280	550	2940
27	130	60	70	110	110	140	230	270	330	150	200	750	1060	1140	1070	1010	920	890	670	640	440	220	120	60	450	1140
28	180	250	350	440	480	480	490	480	490	250	310	760	1000	1070	1180	1200	1130	880	520	160	60	150	250	430	540	1200
29	420	490	490	490	490	490	500	500	500	500	140	570	[IM]	1000	990	990	990	630	490	210	[IM]	[IM]	[IM]	[IM]	580	1000
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	200	470	800	870	930	930	730	530	390	390	330	330	260	260	530	930
31	320	260	260	260	190	250	250	130	130	190	250	380	370	370	370	430	430	310	310	240	120	60	[IM]	[IM]	270	430
AV	390	390	400	430	410	410	420	420	420	440	680	760	1000	910	840	920	810	680	570	480	430	390	390	370	560	[ ]
SD	240	219	201	192	198	189	176	183	201	330	839	435	647	357	213	397	190	158	168	215	248	253	255	248	152	[ ]

METHANE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	120	180	300	240	360	410	300	640	730	560	640	[CA]	680	690	590	570	520	420	340	280	290	240	190	220	410	730
2	210	230	200	220	290	220	270	250	320	450	550	610	600	590	680	690	650	430	340	340	330	390	360	400	400	690
3	320	300	310	250	250	260	300	220	290	460	540	600	710	760	810	710	620	430	410	380	370	390	380	350	430	810
4	310	410	350	380	400	340	390	380	330	440	470	[CA]	910	910	910	960	550	720	550	330	250	300	160	190	490	960
5	210	220	210	270	270	280	240	310	300	290	410	400	540	670	830	810	720	630	560	520	470	450	430	450	440	830
6	440	440	340	330	290	290	210	180	240	280	[PF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	300	440
7	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	210	120	210	100	[CA]	520	750	1120	780	690	510	290	120	90	120	70	140	370	1120
8	90	60	80	140	120	110	80	110	120	90	190	280	410	630	690	770	770	600	430	190	110	130	130	160	270	770
9	160	190	180	120	170	160	150	140	210	130	100	230	520	620	750	840	710	560	480	380	260	220	140	150	320	840
10	120	120	100	70	80	130	110	170	270	320	480	770	920	1070	560	810	860	760	480	270	150	60	130	220	380	1070
11	220	420	400	190	290	420	370	360	240	190	130	450	670	750	940	920	880	760	400	240	160	100	170	140	410	940
12	140	80	210	180	140	240	420	360	340	200	100	150	400	630	730	670	700	590	490	370	310	130	140	90	330	730
13	150	170	280	350	350	220	350	200	110	90	120	[CA]	[CA]	[CA]	840	600	680	500	260	140	120	340	410	390	320	840
14	440	410	400	420	440	430	440	440	400	290	170	110	320	420	530	660	600	360	150	60	250	310	330	350	360	660
15	360	410	420	390	370	420	410	410	400	340	160	100	400	520	660	650	610	420	290	200	110	80	90	220	350	660
16	240	340	360	370	370	310	310	290	200	260	400	[CA]	820	780	580	870	870	700	530	300	230	120	70	150	410	870
17	180	300	340	380	390	420	430	340	410	230	170	360	540	630	730	800	840	620	390	270	140	130	140	150	390	840
18	280	360	400	440	410	450	450	430	450	410	150	180	420	650	730	710	560	400	460	250	150	70	150	190	380	730
19	250	220	210	290	370	430	450	440	270	70	930	660	720	710	340	540	620	580	230	190	100	190	340	440	400	930
20	450	470	470	470	470	470	480	480	470	360	100	270	450	480	610	680	700	590	230	140	190	240	410	470	420	700
21	490	480	490	480	490	500	500	500	480	420	210	130	300	470	660	730	620	450	280	60	260	470	510	500	440	730
22	520	520	520	520	530	520	520	520	480	270	130	130	540	690	540	690	620	460	230	160	230	370	470	520	450	690
23	550	540	550	550	550	550	550	550	550	540	270	130	240	320	210	240	210	120	120	150	210	160	240	210	350	550
24	280	230	360	350	480	450	430	470	350	230	170	140	330	510	670	710	630	520	270	100	140	230	360	550	380	710
25	570	600	600	600	600	600	600	590	590	470	290	[CA]	420	500	490	320	180	70	230	420	580	620	620	620	490	620
26	620	620	620	620	620	620	630	630	630	630	520	280	190	440	480	400	310	230	110	140	170	300	390	420	440	630
27	600	620	650	650	650	650	650	650	640	630	380	270	320	490	670	460	450	210	80	140	220	250	480	390	470	670
28	530	560	590	640	660	680	670	670	660	660	540	130	[CA]	[CA]	400	840	990	1060	570	260	190	190	130	110	530	1060
29	140	140	290	260	290	320	180	280	260	240	170	360	610	670	780	920	920	850	570	380	200	120	80	140	380	920
30	160	200	220	260	380	300	370	380	330	280	120	250	520	770	830	1070	930	770	480	320	210	210	180	120	400	1070
31	110	100	90	130	170	230	470	220	100	130	210	[CA]	740	940	680	570	730	720	530	230	200	120	80	140	330	940
AV	310	330	350	350	300	300	390	380	360	330	300	300	530	640	670	700	670	530	360	240	220	230	260	290	390	[ ]
SD	166	169	157	160	154	151	153	160	168	162	205	191	190	165	182	181	197	212	147	111	107	133	155	155	58	[ ]

HYDROCARBONS [METHANE REDUCED]
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	20	0	10	30	20	20	10	20	20	40	90	0	0	40	0	0	0	0	0	0	0	0	0	10	90
2	0	0	0	0	0	0	230	10	60	70	70	0	0	0	0	0	0	0	0	0	0	0	0	0	20	230
3	0	0	0	0	10	0	0	40	70	120	50	50	50	40	30	90	0	60	60	60	0	0	0	0	30	120
4	0	10	20	20	20	20	30	30	30	40	40	30	50	50	40	30	30	10	0	0	0	10	10	20	20	50
5	40	30	40	40	50	50	60	50	80	190	140	70	[CA]	90	80	60	40	10	0	0	0	0	20	10	50	190
6	30	20	40	30	50	30	20	50	130	100	100	120	120	90	50	20	10	0	20	20	20	20	30	50	50	130
7	60	60	30	30	20	30	50	60	120	310	180	90	10	0	0	0	0	10	0	0	0	0	0	30	50	310
8	230	60	60	70	30	30	20	20	30	30	30	80	70	0	[CA]	40	40	70	60	30	30	30	40	20	50	230
9	30	20	20	20	20	20	30	30	180	50	40	50	50	120	30	70	140	20	20	20	30	20	20	20	40	180
10	20	20	30	100	100	80	70	40	230	160	150	90	100	110	100	100	100	80	70	30	40	40	30	250	90	250
11	50	20	20	20	30	20	20	30	30	50	120	140	140	40	30	40	10	20	10	0	10	20	10	10	40	140
12	10	10	10	10	20	20	20	30	40	40	40	70	120	90	40	20	230	20	20	10	10	10	10	10	40	230
13	20	30	20	20	30	30	30	40	40	80	50	60	60	70	80	50	190	30	40	30	30	20	30	30	50	190
14	40	50	50	60	60	50	60	60	50	70	170	80	70	70	80	70	60	160	70	60	80	70	70	80	70	170
15	90	80	90	90	70	70	100	130	110	90	130	90	90	70	70	60	60	80	70	60	60	60	60	60	80	130
16	50	50	60	50	50	50	50	70	90	120	150	130	130	120	200	80	80	70	80	70	70	40	40	40	80	200
17	60	160	40	40	40	40	50	60	110	130	150	130	160	170	160	150	180	250	150	130	110	110	130	80	120	250
18	110	100	110	100	80	70	80	70	80	90	80	70	70	60	40	60	70	70	260	40	30	30	30	30	80	260
19	150	30	30	20	30	20	30	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	40	150
20	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	230	50	0	0	0	0	0	10	10	10	30	230
21	20	20	10	10	20	20	40	170	10	20	30	90	130	50	60	90	320	250	140	270	410	400	420	420	140	420
22	370	240	210	180	190	220	200	190	260	220	260	210	190	220	260	310	70	80	60	40	30	30	60	30	170	370
23	50	20	30	120	30	70	180	90	40	90	80	30	120	100	180	70	60	50	40	50	40	60	50	60	70	180
24	60	60	60	50	50	50	50	70	90	200	220	190	210	140	120	100	100	90	100	80	120	60	40	30	100	220
25	40	60	30	60	60	50	40	60	50	50	40	50	40	40	60	50	60	40	40	50	40	50	40	40	50	60
26	40	40	40	40	50	50	60	130	180	320	260	[CA]	80	70	80	100	100	100	110	120	210	220	140	100	110	320
27	90	90	100	100	110	140	480	290	130	130	120	140	120	140	130	120	130	130	130	190	160	150	180	180	150	480
28	200	190	180	200	200	220	230	210	200	200	240	200	170	60	60	60	70	50	70	70	90	80	80	80	140	240
29	70	60	40	50	60	130	40	60	70	60	60	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	50	130
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	70	60	50	60	50	60	80	80	90	110	110	90	90	80	90	70	80	60	60	50	60	60	60	60	70	[ ]
SD	80	59	49	50	46	56	99	66	66	80	72	54	57	53	67	59	77	66	59	62	86	83	84	89	42	[ ]

HYDROCARBONS [METHANE REDUCED]
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 14 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	900	970	900	910	910	890	900	910	930	960	980	900	890	870	940	980	970	970	1080	990	1000	990	1000	1130	950	1130
2	980	980	910	910	910	1050	1240	1310	1110	1240	1110	1040	[DA]	240	250	320	340	350	340	340	360	430	450	510	730	1310
3	470	420	510	500	500	570	600	600	490	460	320	270	310	400	530	420	630	820	460	410	450	470	470	470	480	820
4	520	520	540	550	600	590	610	670	800	750	660	530	590	450	510	370	440	490	560	640	650	750	700	730	590	800
5	800	790	830	770	800	990	910	960	780	740	600	520	550	590	590	[DA]	690	840	780	780	800	770	750	780	750	990
6	810	850	920	810	870	870	850	820	750	640	580	510	960	480	420	570	530	620	560	600	580	570	590	610	680	970
7	570	610	600	620	590	570	570	630	540	570	450	420	510	640	470	560	630	700	560	560	620	620	580	710	580	710
8	690	600	630	720	790	730	770	600	690	690	690	0	520	590	680	640	620	770	890	970	1020	1030	990	1040	720	1040
9	1030	1100	1440	1030	1060	1030	1000	910	970	790	850	7210	[DA]	590	590	660	660	790	1030	820	800	780	830	850	1170	7210
10	780	790	790	780	780	760	830	770	770	750	660	610	690	690	630	670	640	720	660	1010	710	710	740	780	740	1010
11	770	800	850	760	740	780	780	540	780	760	730	680	[DA]	560	590	640	680	770	730	760	750	780	880	770	750	880
12	820	920	890	850	800	1030	930	980	1060	900	900	680	280	150	180	190	270	210	280	200	170	170	200	240	560	1060
13	290	310	310	280	340	290	310	330	380	270	150	70	200	130	130	200	260	260	330	390	330	350	360	420	280	420
14	440	450	490	500	550	620	620	600	530	600	640	590	0	0	470	190	220	400	670	870	1020	1000	860	790	550	1020
15	730	730	730	720	710	730	730	730	690	920	950	660	250	130	140	240	180	430	620	820	880	1020	1060	900	660	1060
16	780	750	710	690	740	720	680	690	830	1020	800	630	530	440	290	260	280	510	770	900	1000	1090	1150	1220	730	1220
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	1310	1130	390	240	150	110	90	120	600	560	840	950	1040	1010	1120	640	1310
18	1130	1100	1000	930	830	830	740	760	880	1040	600	270	80	0	0	0	0	190	480	560	820	800	990	1080	630	1130
19	1020	910	870	770	770	740	730	720	830	1180	950	420	280	120	60	30	340	570	800	890	1040	1110	1120	1040	720	1180
20	1060	960	930	830	810	810	790	890	870	1310	[DA]	760	430	410	410	480	510	1070	1140	1310	1340	1270	1210	1130	900	1340
21	1060	1140	1050	1060	1110	1110	1010	1160	1330	1420	1510	910	580	670	510	480	710	1010	1110	1390	1650	1740	1770	1640	1130	1770
22	1710	1590	1560	1520	1360	1390	1230	1090	1230	1550	1160	850	600	620	790	610	600	830	1110	1230	1350	1380	1370	1400	1170	1710
23	1330	1460	1360	1460	1440	1430	1400	1460	1460	0	[DA]	960	830	820	860	920	840	980	1110	1150	1380	1400	1360	1360	1160	1460
24	1290	1240	1080	900	1100	1090	930	950	970	1280	1260	1030	630	620	620	850	1200	1510	1030	1280	1290	1470	1380	1500	1130	1630
25	1450	1500	1420	1390	1620	1530	1620	1620	1720	1540	1190	870	760	780	780	830	690	1130	1430	1620	1580	1690	1640	1680	1330	1720
26	1040	1850	1910	1660	1840	1740	1610	1370	1560	1480	1130	0	0	480	650	830	1170	1370	1530	1370	1390	1370	1560	1600	1310	1910
27	1620	1770	1770	1760	1850	1690	1500	1460	1320	1490	1360	760	170	10	90	150	290	380	430	390	640	850	920	1000	990	1850
28	860	800	690	600	560	580	630	570	580	820	730	370	40	0	0	0	10	130	510	880	980	910	790	620	530	980
29	560	550	560	550	550	550	620	620	620	680	1100	740	[IM]	50	50	60	0	410	620	840	[IM]	[IM]	[IM]	[IM]	510	1100
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	980	640	310	250	180	510	710	780	720	790	790	850	790	720	640	980
31	660	720	730	790	790	730	860	990	920	790	730	610	610	670	680	550	680	740	740	870	990	990	[IM]	[IM]	770	990
AV	930	940	930	890	910	910	900	900	910	930	860	800	420	410	420	440	510	690	780	850	910	950	950	960	790	[ ]
SD	392	396	394	353	376	351	323	319	323	381	305	1201	248	268	267	276	307	329	343	334	360	371	376	373	262	[ ]

YDROCARBONS [METHANE REDUCED]
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	930	870	790	910	690	630	750	410	250	450	790	[DA]	350	300	440	500	510	690	720	750	750	810	880	850	650	930
2	850	840	880	860	1110	1390	1760	1710	1730	1060	850	720	770	730	600	520	490	770	840	920	900	850	850	810	950	1760
3	890	830	910	970	930	930	890	490	930	720	630	620	430	370	320	400	450	830	910	940	1010	920	930	990	790	1010
4	1030	930	1000	990	970	1060	970	940	1020	890	770	[DA]	140	170	170	140	150	390	550	770	870	820	960	970	720	1060
5	960	930	940	920	980	880	1010	940	870	870	960	860	720	630	440	420	600	620	800	810	950	1330	1350	1320	880	1350
6	1240	1290	1620	1380	1400	1370	1360	1270	1140	1090	[PF]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	1320	1620
7	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	[FO]	1890	2020	1570	1790	[DA]	1300	850	240	500	530	700	960	1080	1070	1060	1220	1200	1130	2020
8	1350	1450	1350	1280	1310	1350	1350	1300	1310	1390	1300	1270	1030	790	710	630	660	850	1020	1220	1290	1270	1270	1240	1170	1450
9	1220	1270	1920	1270	1210	1210	1360	1230	1220	1370	1350	1210	890	680	610	510	610	940	950	1080	1190	1340	1470	1410	1120	1470
10	1620	1800	1490	1700	1490	1480	1490	1460	1490	1330	1120	650	520	40	660	390	280	330	690	930	920	990	930	840	1030	1800
11	830	630	700	1170	820	650	870	1200	1240	1070	1440	1100	600	370	270	230	260	480	740	850	920	960	910	970	800	1440
12	970	1130	930	1040	1080	1160	830	900	940	1910	1220	1200	940	650	710	730	610	630	590	620	660	860	880	910	890	1220
13	930	800	710	700	650	830	640	830	880	930	890	[DA]	[DA]	[DA]	220	380	450	490	730	890	920	720	660	680	710	930
14	690	850	740	700	660	670	760	1020	1290	1370	1540	1400	1060	710	610	420	480	750	990	1040	870	800	860	730	880	1540
15	740	720	680	730	760	750	830	720	720	940	1090	1090	750	620	530	550	570	770	920	1260	1290	1380	1240	1060	860	1380
16	1070	960	940	950	900	980	1000	1110	1170	1050	980	[DA]	360	420	690	460	350	600	980	1310	1220	1330	1360	1250	930	1360
17	1230	1020	970	910	960	860	860	1030	940	1200	1260	970	780	680	580	530	440	630	930	1130	1270	1250	1220	1180	950	1270
18	1040	860	910	880	900	1160	1530	1400	2420	2830	2560	1740	1030	870	610	610	940	1720	1440	1740	1680	1650	1610	1380	1400	2830
19	1070	960	960	840	780	730	740	690	820	1120	850	520	460	420	750	500	580	610	970	1000	1080	980	840	760	770	1120
20	730	730	710	720	720	760	810	800	750	890	1710	1310	790	750	550	440	450	680	970	1060	1030	990	830	790	830	1710
21	850	830	850	870	840	830	860	850	1180	1620	2100	1440	1160	900	610	460	550	810	950	1170	990	790	780	800	960	2100
22	780	790	610	790	800	790	800	1020	1300	1330	1770	1560	840	3130	3000	2060	1470	1310	1540	1520	1410	1270	1170	1090	1350	3130
23	1090	1090	1040	1030	1020	1010	980	1360	1160	1400	1700	1690	1300	1130	1220	1140	1140	1250	1280	1300	1230	1280	1190	1210	1220	1700
24	1160	1200	1050	1100	1240	1220	1230	1180	1250	1340	1390	1310	1120	930	790	740	770	780	1040	1200	1160	1020	820	570	1070	1380
25	520	480	480	460	450	470	500	560	560	740	1040	[DA]	710	560	560	660	790	920	750	580	420	390	390	390	580	1040
26	410	400	420	410	420	440	680	990	1260	1180	930	930	970	740	650	730	830	950	1110	1090	1050	920	830	770	800	1260
27	520	550	710	780	690	510	510	580	490	580	990	890	840	650	430	630	730	1000	1140	1100	1000	960	770	800	750	1140
28	670	660	590	560	510	460	470	540	490	510	620	1050	[DA]	[DA]	780	300	140	90	610	920	1000	1030	1090	1080	640	1090
29	1030	1060	920	890	1010	890	1100	1130	1160	1120	1500	1410	720	490	270	130	160	400	840	800	950	1050	1110	1080	880	1500
30	1140	990	990	950	840	840	1260	1440	1650	1850	1660	1390	1020	500	340	160	350	530	670	670	790	780	830	880	940	1850
31	930	900	920	890	850	800	580	870	960	1050	1370	[DA]	290	130	400	560	360	540	870	1060	1060	1100	1140	1080	810	1370
AV	950	930	910	920	900	910	960	1040	1120	1160	1250	1140	780	690	630	550	560	740	920	1030	1030	1030	1010	970	930	[ ]
SD	253	282	259	261	257	284	324	335	439	441	474	330	298	532	490	345	282	310	226	252	234	251	259	240	206	[ ]

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

NOVEMBER,1975

AEROVIRONMENT INC.

****
* *
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
* *
****
* *
* SUBJECT TO *
* REVISION *
* *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3	3	3	3	2	2	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	3	3	3	3	4
2	2	2	2	2	2	2	4	2	2	2	1	1	1	1	1	1	1	1	1	2	3	3	3	3	2	4
3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	5	4	4	3	3	5
4	3	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	3	3	4	4	4	4	3	3	2	4
5	3	3	2	2	2	2	2	2	2	2	2	1	[CA]	2	2	3	4	4	5	5	5	4	4	3	3	5
6	3	2	2	2	2	2	2	2	2	2	2	1	2	2	3	3	3	4	3	2	2	2	2	2	2	4
7	2	2	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	[CA]	1	2	2	2	2	2	2	2	2	1	2
9	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	1	1	2
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3	2	3	2	3	3	2	2	3
12	2	2	2	2	2	1	2	1	1	1	1	1	1	2	2	2	3	3	3	3	3	2	3	2	2	3
13	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	3	2	2	2	2	2	2	3
14	2	2	2	2	2	1	2	1	2	1	1	1	1	1	2	3	3	3	2	2	2	2	3	3	2	3
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	3	2	3	2	3
16	2	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	3
17	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	3	2	2	2	2	2	2	2	2	2	3
18	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
19	2	2	2	2	2	2	2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	2	2
20	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	2	1	1	2	1	1	1	1	1	1	1	2
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	1	1	1	1	2
22	1	1	1	1	1	1	1	1	1	1	2	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	2	2	1	2	1	1	2
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1	2	2	1	1	2
25	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
26	1	1	1	1	1	1	0	0	1	0	0	[CA]	0	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	0	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2
30	1	1	1	1	2	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	2	1	2	1	2
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
89	2	2	2	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1
90	1	1	1	1	0	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1

RBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO *
* REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.4	.4	.4	.3	.3	.3	.3	.4
2	.2	.2	.2	.2	.2	.2	.4	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.3	.3	.3	.3	.2	.4
3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.5	.4	.4	.3	.3	.5
4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.2	.2	.2	.2	.3	.3	.4	.4	.4	.4	.3	.3	.2	.4
5	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	[CA]	.2	.2	.3	.4	.4	.5	.5	.5	.4	.4	.3	.3	.5
6	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.3	.3	.3	.4	.3	.2	.2	.2	.2	.2	.2	.4
7	.2	.2	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
8	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	[CA]	.1	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2
9	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.2	.2	.2	.2	.2	.1	.1	.2
10	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.1	.2
11	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.3	.2	.3	.2	.3	.3	.2	.2	.3
12	.2	.2	.2	.2	.2	.1	.2	.1	.1	.1	.1	.1	.1	.2	.2	.2	.3	.3	.3	.3	.3	.2	.3	.2	.2	.3
13	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.3
14	.2	.2	.2	.2	.2	.1	.2	.1	.2	.1	.1	.1	.1	.1	.2	.3	.3	.3	.2	.2	.2	.2	.3	.3	.2	.3
15	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.2	.3	.2	.3	.2	.3
16	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3
17	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3
18	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
19	.2	.2	.2	.2	.2	.2	.2	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	.2	.2
20	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	.2	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.2
21	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.2	.1	.1	.1	.1	.2
22	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
23	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2	.2	.1	.2	.1	.1	.2
24	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.2	.2	.1	.1	.2
25	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
26	.1	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0	[CA]	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
27	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
28	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
29	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.2
30	.1	.1	.1	.1	.2	.2	.1	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.1	.2
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
07	.2	.2	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	[ ]
08	.1	.1	.1	.1	.0	.0	.1	.1	.0	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	[ ]

CARBON MONOXIDE
(MILLIGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.2	1	.1	1	2	1	1	1	2	2	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
2	.1	1	1	.1	1	1	.1	1	.1	1	.1	1	.1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
3	.2	1	1	1	1	1	1	2	.1	1	.1	1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2
4	1	2	.1	1	.1	1	1	.2	.2	1	.2	1	.1	1	.2	.1	.1	.1	.2	.1	.1	.2	.1	.1	.1	.2
5	1	1	1	1	2	1	.1	1	.2	2	.2	1	.1	.1	.1	[CA]	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
6	1	.1	1	.1	1	1	2	1	.1	1	.1	1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
7	.1	2	1	1	1	.1	.1	.1	.1	2	.1	1	.1	.1	.1	1	1	.1	.1	.1	.1	.2	.1	.1	.1	.2
8	.1	1	1	1	.1	1	1	1	.1	1	.1	1	.1	1	.1	1	.1	.1	.1	.1	.1	.1	.1	1	.1	.1
9	.2	1	1	2	1	1	.1	.1	.1	1	.1	1	.1	1	1	1	2	.1	.1	.1	.1	.1	.1	.1	.1	.2
10	.1	1	1	2	1	1	.1	1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
11	.1	2	1	1	.1	1	1	.1	.1	.1	.1	1	[CA]	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
12	.1	1	1	1	2	1	.1	.1	.1	1	.1	1	.1	.1	.1	1	.1	.1	.1	.1	.1	1	.1	.1	.1	.2
13	1	1	1	1	.1	1	.1	1	.1	1	.1	.1	.1	.1	1	1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1
14	1	1	1	.1	1	1	1	1	.1	1	.1	1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
15	1	1	1	.1	1	1	1	1	.1	1	.1	.1	.1	1	.1	1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2
16	1	1	1	.1	1	1	.1	1	.1	1	.1	.2	.2	1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
17	1	1	1	1	1	1	1	1	.1	1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
18	.1	1	1	1	1	1	.1	.1	.1	1	.1	.1	.1	.1	1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.2
19	.1	1	.1	1	1	.1	1	1	.1	1	.1	1	.1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
20	.1	1	1	.1	1	.1	.1	1	.1	1	[CA]	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
21	1	1	1	1	1	1	.1	1	.1	1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
22	.1	1	1	1	.1	.1	.1	1	.1	1	.1	1	.2	1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
23	.1	1	1	1	1	1	1	1	.1	1	[CA]	1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
24	1	1	1	1	.1	1	.1	1	.1	1	.1	1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
25	.1	1	1	.1	1	.1	1	1	.1	1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
26	.1	1	.1	1	.1	1	.1	.1	.1	1	.1	0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
27	1	1	1	1	1	1	.1	1	.1	1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
28	1	1	1	1	.1	1	.1	1	.1	1	.1	1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
29	1	1	1	1	1	1	.1	1	1	1	.1	1	.1	1	.1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1
30	1	1	1	.1	1	.1	.1	1	.1	1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
31	1	1	1	.1	1	1	.1	1	.1	1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
AVE	1	1	1	1	1	1	1	1	.1	1	.1	1	.1	.1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1 [	1
SD	0	0	0	0	0	0	0	0	0	0	.0	0	.0	0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 [	1

WEATHER SERVICE
CHELLICCARAS/CU METRO

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1	1	1	1	1	1	.1	3	.1	1	.1	[CA]	.1	.1	3	1	1	.1	.1	.1	.1	.1	.1	.1	.1	.3
2	1	1	1	1	.1	1	1	1	.1	1	.1	1	1	.1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
3	1	.	2	1	1	1	1	1	1	1	.1	.	1	1	1	1	1	.1	.1	.1	.1	.1	.1	.1	.1	.2
4	1	.	1	1	1	1	1	1	1	.1	1	[CA]	.1	.1	1	1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1
5	1	1	1	1	1	1	.1	1	.1	1	.1	1	.1	1	1	1	1	.1	.1	.1	.1	1	.1	.1	.1	.1
6	1	1	1	1	1	1	1	1	.1	1	[FD]	[FD]	[FD]	[FD]	[FD]	[FD]	[FD]	[FD]	[FD]	[FD]	[FD]	[FD]	[FD]	[FD]	.1	.1
7	[FD]	[FD]	[FD]	[FD]	[FD]	[FD]	[FD]	1	.1	1	.1	[CA]	.1	.1	.2	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.2
8	.	.	1	1	1	1	.1	1	1	1	.1	1	.1	1	1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1
9	1	.	1	1	1	1	1	1	.1	1	.1	1	.1	.1	1	.1	1	.1	.1	1	.1	.1	.1	.1	.1	.1
10	1	.	1	1	1	1	1	1	.1	1	.1	1	1	.1	2	.1	1	1	.1	.1	.1	.1	.1	.1	.1	.2
11	1	1	1	1	1	1	1	1	1	1	.1	1	.1	.1	.1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1
12	1	1	1	1	1	1	.1	1	.1	1	.1	1	.1	1	1	1	1	1	.1	1	.1	.1	.1	.1	.1	.1
13	1	1	.1	.1	.1	1	1	1	.1	1	.1	[CA]	[CA]	[CA]	.1	2	1	.1	.1	.1	.1	.1	.1	.1	.1	.2
14	1	1	.1	1	1	1	1	1	1	1	.1	1	.1	1	1	1	1	.1	1	.1	1	.1	.1	.1	.1	.1
15	1	1	1	1	1	1	1	1	1	1	.1	1	.1	1	.1	1	1	.1	.1	1	.1	.1	1	.1	.1	.1
16	1	1	.1	.1	1	1	1	2	.1	1	.1	[CA]	.1	1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.2
17	1	1	1	1	1	1	.1	1	1	1	.1	1	1	1	.1	1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1
18	1	1	1	1	1	1	.1	1	1	1	.1	1	.1	1	1	1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1
19	1	1	.1	1	.1	.1	1	1	2	1	.1	1	.1	1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
20	1	2	1	.1	1	1	.1	1	.1	1	.1	.1	.1	.1	1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.2
21	1	1	1	1	1	1	1	1	.1	1	.1	1	.1	1	.1	1	1	.1	.1	.1	.1	1	.1	.1	.1	.1
22	1	1	.1	1	1	1	1	1	2	1	1	1	1	.1	1	[CA]	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2
23	1	1	1	1	1	1	1	1	.1	1	.1	1	.1	1	1	1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1
24	1	1	1	1	1	1	1	1	.1	1	.1	1	.1	.1	.1	1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1
25	1	1	.1	.1	1	1	1	1	.1	1	1	[CA]	.1	1	2	1	1	.1	.1	.1	.1	.1	.1	.1	.1	.2
26	1	1	.1	1	1	1	1	1	.1	1	.1	1	.1	1	.1	.1	1	.1	.1	.1	.1	.1	.1	.1	.1	.1
27	1	1	1	1	1	1	1	1	.1	1	.1	1	.1	1	1	1	1	.1	.1	.1	.1	.1	.0	.1	.1	.1
28	1	1	.1	.1	.1	1	1	1	.1	1	.1	1	[CA]	[CA]	1	1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1
29	0	1	1	1	.1	1	1	1	.1	1	.1	1	.1	1	.1	.1	0	.1	.1	.1	.1	.1	.1	.1	.1	1
30	1	1	.1	1	1	1	1	1	.1	1	.1	1	.3	1	1	.1	1	.0	.1	.1	.1	.1	.1	.1	.1	.3
31	1	1	1	1	1	1	1	1	.1	1	.1	[CA]	.1	.0	1	.3	.1	.1	.1	.0	.1	.1	.1	.1	.1	.3
AVE	1	1	1	1	1	1	1	1	.1	1	.1	1	.1	.1	.1	1	1	.1	.1	.1	.1	.1	.1	.1	.1	1
PEAK	0	0	.0	0	0	0	0	0	.0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1

IDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	20	20	20	20	20	20	10	20	20	20	20	30	20	20	20	20	20	20	20	20	20	20	20	20	20	30
2	20	10	20	20	20	20	20	10	10	10	20	30	30	40	40	30	30	30	40	30	30	30	10	20	20	40
3	10	20	20	20	20	20	10	10	20	20	10	20	30	30	50	50	50	60	50	20	30	20	20	20	30	60
4	10	20	10	20	20	10	10	10	10	20	20	20	30	30	30	70	40	50	20	20	20	20	20	10	20	70
5	20	20	20	20	10	10	10	20	10	20	30	20	[DR]	30	40	50	50	30	50	30	30	30	20	20	30	50
6	20	20	20	20	20	20	20	10	20	10	30	30	50	50	40	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	20	50
7	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	80	70	80	80	60	60	50	50	50	40	40	50	40	60	80
8	30	40	40	50	40	40	30	30	20	30	50	50	50	70	[CA]	50	50	60	40	40	40	30	40	40	40	70
9	30	40	20	30	30	30	20	20	30	20	30	40	40	40	40	40	50	40	30	30	20	20	20	30	30	50
10	20	20	10	20	20	20	20	20	30	40	40	40	40	50	40	40	40	40	40	30	30	30	30	30	30	50
11	30	30	20	20	20	20	20	20	20	30	30	30	30	30	40	40	30	40	30	20	20	20	20	20	30	40
12	10	10	10	10	10	10	20	10	10	20	20	20	30	40	30	30	50	30	40	30	30	20	20	20	20	50
13	20	10	20	20	10	10	10	10	20	20	20	30	30	50	50	50	50	50	40	30	20	30	20	20	30	50
14	20	20	20	20	10	10	20	20	20	20	20	30	[CA]	50	30	40	50	30	30	30	30	30	30	30	30	50
15	20	20	20	20	20	20	20	20	20	30	30	30	30	50	50	60	60	40	40	40	20	20	20	10	30	60
16	20	10	20	20	10	10	10	10	10	20	30	40	40	60	60	70	60	60	40	40	30	40	20	20	30	70
17	20	20	20	20	20	20	20	20	20	40	30	[CA]	60	60	80	70	60	40	40	40	40	40	30	30	40	80
18	20	40	40	30	30	30	30	20	20	20	40	30	40	50	40	50	50	50	50	50	40	40	30	30	40	50
19	30	30	40	40	30	30	20	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	50	40	40	40	40	30	20	20	20	30	50
20	20	20	20	20	20	20	20	10	10	20	10	30	40	20	20	20	20	20	20	20	20	20	20	20	20	40
21	20	20	20	20	20	20	40	30	20	20	30	40	40	40	30	40	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	30	40
22	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	10	10	10	10	10	10	0	0	0	0	0	10	10
24	10	0	0	10	0	10	0	0	0	10	10	10	20	20	10	10	10	10	10	10	0	0	0	0	10	20
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	10	0	0	10	10	10	10	10	10	10	0	10	10	10	0	0	10	0	0	10	10
27	10	10	10	10	10	10	10	0	10	10	10	0	10	0	10	10	10	10	10	10	10	10	10	10	10	10
28	10	10	10	10	10	10	0	0	0	10	10	10	10	10	10	10	10	0	0	0	0	0	0	0	10	10
29	10	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	0	0	10	0	0	0	10	10
30	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	20	20	20	20	20	20	10	10	10	20	20	30	30	30	30	30	30	30	30	20	20	20	20	20	20	[ ]
SD	0	11	11	11	10	10	10	9	8	10	12	17	17	21	21	22	20	19	17	15	14	13	13	12	13	[ ]

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	10	10	0	0	0	0	10	10	10	20	10	20	20	10	20	20	10	10	10	10	10	10	20
2	0	0	0	10	0	10	10	10	10	20	20	10	10	20	20	30	20	20	20	10	10	10	10	0	10	30
3	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10
4	10	10	10	10	10	10	0	10	10	10	10	20	20	10	10	20	10	10	10	10	10	20	20	10	10	20
5	10	10	10	10	10	10	10	10	10	10	10	10	20	20	30	[CA]	20	20	10	10	10	10	20	20	10	30
6	30	30	30	20	20	20	20	20	20	20	30	30	30	30	40	40	30	30	20	20	20	20	20	20	30	40
7	20	10	10	10	10	20	10	10	10	20	30	30	30	40	40	40	40	40	20	20	20	20	20	20	20	40
8	20	20	20	20	20	20	20	20	20	20	20	30	30	40	30	30	20	20	20	10	10	10	10	10	20	40
9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10
10	0	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	10	10	0	0	10	10	10	10	10	0	0	10	[CA]	10	10	10	10	10	10	10	10	10	10	10	10	10
12	10	10	10	10	10	20	20	20	10	10	20	10	20	20	20	20	20	20	20	10	10	10	10	10	10	20
13	10	10	10	10	0	0	10	0	10	10	10	10	20	20	10	10	10	10	10	10	10	10	10	10	10	20
14	10	0	0	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	0	0	0	0	10	0	10	10
15	10	0	10	0	0	0	0	0	10	10	10	10	0	0	10	10	0	10	0	10	0	0	0	10	0	10
16	0	0	10	10	0	10	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
17	10	0	0	0	10	10	10	0	10	20	20	20	10	10	10	10	10	10	10	10	10	10	10	10	10	20
18	0	10	10	10	0	0	0	0	0	10	10	0	0	0	10	10	10	10	10	10	10	0	0	0	10	10
19	0	0	0	10	10	10	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
20	10	10	10	10	10	0	0	10	10	10	[CA]	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
21	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	20	20	20	10	10	20
22	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
23	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
24	10	10	10	10	10	10	0	0	0	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	20
25	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
26	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10
27	10	10	10	10	10	10	0	0	0	10	0	0	0	10	0	0	10	10	0	0	0	0	10	0	0	10
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	0	0	0	0	0	0	0	0	10
29	0	0	0	0	0	0	0	0	0	0	10	10	0	0	0	0	10	0	0	0	0	0	0	0	0	10
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	[ ]
SD	7	7	7	5	6	7	6	6	5	6	7	8	9	10	10	10	8	8	7	5	6	6	6	6	6	[ ]

OXIDES OF NITROGEN
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE # 6

JANUARY,1976

AEROVIRONMENT INC.

PRELIMINARY DATA
AS OF 11 APR 76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	10	0	10	10	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	10
3	0	0	0	0	10	10	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	10
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	10	0	10	0	0	0	10
5	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	0	0	0	0	0	0	10	10	10	0	10
6	10	0	10	0	0	0	0	0	10	10	[FF]	10	10	10	10	10	0	10	10	10	10	0	0	0	10	10
7	0	0	10	10	0	10	10	20	20	20	20	10	20	10	10	10	10	0	10	0	0	0	0	0	10	20
8	0	10	10	10	10	10	0	10	0	10	10	10	10	10	10	0	10	10	10	10	10	0	0	0	10	10
9	0	0	0	10	0	10	0		0	10	0	0	0	0	0	0	10	10	0	0	0	0	0	0	0	10
10	10	0	0	10	10	10	10	0	10	10	0	0	0	0	10	10	10	10	10	0	0	0	0	0	10	10
11	0	0	0	0	0	0	0	10	0	0	10	10	0	0	0	10	10	10	0	0	0	0	0	0	0	10
12	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	10	10	0	0	0	0	0	10	0	0	10
13	0	0	0	0	10	0	0	0	0	0	10	10	10	10	10	0	0	0	0	0	0	0	0	10	0	10
14	10	0	10	0	0	0	10	10	10	20	20	10	10	0	0	0	0	0	0	0	0	0	0	0	0	20
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10	10	0	10	0	10
16	10	0	0	0	0	10	0	0	10	0	10	0	10	0	10	10	10	10	10	0	0	0	0	0	0	10
17	0	0	10	0	0	0	0	0	0	10	0	10	0	0	10	10	10	10	10	10	10	0	0	0	0	10
18	0	0	0	0	0	0	10	10	20	20	20	10	0	10	10	10	10	10	10	10	10	10	10	10	10	20
19	0	0	0	10	0	0	0	10	0	0	30	10	0	0	0	10	0	10	10	10	0	0	0	0	0	30
20	0	0	0	0	0	0	0	0	0	0	10	10	0	10	0	10	10	10	0	0	0	0	0	0	0	10
21	0	0	0	0	0	0	0	10	10	10	20	10	0	0	0	10	10	10	10	0	0	0	0	0	0	20
22	0	0	0	0	0	0	0	10	10	10	10	10	0	0	0	0	0	0	10	10	0	0	10	10	0	10
23	0	0	10	0	0	10	10	10	10	10	10	10	10	10	10	10	10	0	10	10	10	0	10	10	10	10
24	0	10	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	10	0	10	10
25	0	0	0	0	0	0	0	10	10	10	10	[DR]	10	10	10	0	0	10	0	0	0	0	0	0	0	10
26	0	10	10	0	0	10	10	10	20	20	20	10	10	10	10	10	0	10	10	10	10	10	10	10	10	20
27	10	10	10	10	10	0	10	10	10	10	10	0	0	10	10	0	10	10	10	10	10	10	10	10	10	10
28	10	10	0	10	10	10	0	0	10	10	10	10	0	0	0	10	10	10	10	10	0	0	0	0	10	10
29	10	10	10	10	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	0	0	0	10	10
30	0	0	10	0	0	0	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0	0	0	0	10	10
31	0	0	0	0	0	0	0	0	0	0	10	0	10	10	10	10	10	10	10	10	0	10	0	10	0	10
07	0	0	0	0	0	0	0	0	10	10	10	10	10	10	10	10	10	10	0	0	0	0	0	0	[	]
63	4	4	5	5	4	5	5	6	7	7	8	5	6	5	5	5	5	5	5	5	5	4	4	5	3 [	]

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 16 APR 76 *
****

* SUBJECT TO REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	20	20	10	10	10	10	10	10	20	10	10	10	10	10	10	20	10	20	10	10	10	20	20	10	20
2	20	10	10	10	20	20	20	20	10	10	10	20	40	30	20	20	30	40	30	30	20	20	20	20	20	40
3	20	20	20	10	20	10	20	20	20	20	20	20	20	30	40	60	80	60	50	30	20	20	20	10	30	80
4	20	20	20	20	20	20	20	20	20	20	20	30	20	20	40	50	50	40	40	20	30	20	10	20	30	50
5	10	20	10	20	10	20	20	10	20	20	20	20	[CA]	50	50	60	80	60	40	30	20	20	20	10	30	80
6	20	20	20	20	10	10	20	10	20	10	20	20	30	40	30	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	20	40
7	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	30	30	40	30	30	30	20	30	20	20	20	20	30	30	40
8	10	30	20	30	20	20	30	30	20	20	30	30	30	30	[CA]	20	30	30	20	30	30	20	20	20	30	30
9	20	20	20	20	20	20	20	20	20	20	20	20	30	30	30	30	30	20	20	20	20	20	10	10	20	30
10	10	20	20	20	10	10	10	20	20	20	20	20	20	20	20	20	20	30	20	20	20	20	20	20	20	30
11	20	20	20	20	20	20	10	10	20	10	20	20	20	20	30	30	20	20	20	20	20	10	20	20	20	30
12	20	10	20	10	20	10	20	10	10	20	10	20	20	20	20	20	30	20	10	20	20	20	20	20	20	30
13	10	20	20	10	10	10	10	10	10	10	10	20	20	20	20	30	30	30	20	20	20	10	10	20	20	30
14	10	10	20	10	10	10	10	20	10	20	20	20	[CA]	30	30	30	30	30	30	20	20	20	20	20	20	30
15	20	20	20	20	20	20	10	10	20	20	20	20	20	30	40	40	30	40	20	20	20	10	20	20	20	40
16	20	20	20	10	10	10	10	10	10	20	20	20	30	20	40	40	50	40	40	30	20	20	20	20	20	50
17	10	20	20	20	20	10	20	20	20	20	20	[CA]	20	30	40	30	40	40	30	30	20	20	20	20	20	40
18	20	10	20	10	10	10	20	20	10	10	20	20	30	20	30	30	40	20	30	30	20	20	20	20	20	40
19	20	20	20	20	20	20	20	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	20	20	20	20	20	20	10	10	10	20	20
20	10	10	10	10	10	10	10	10	10	10	10	100	30	10	20	10	20	20	10	20	10	10	10	10	20	100
21	10	10	10	10	10	10	10	10	10	20	20	10	10	20	30	10	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	10	30
22	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	10	[IM]	[IM]	[IM]	[IM]	10	10	10	10	10	10	10	10
24	10	0	10	10	10	0	10	0	0	10	10	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	10	10	0	10	10
25	10	0	10	10	0	10	0	10	0	0	0	10	10	10	10	10	10	0	0	0	0	[IM]	[IM]	[IM]	10	10
26	0	0	0	0	0	0	0	0	0	10	0	[CA]	10	10	10	10	10	10	10	10	10	20	10	10	10	20
27	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20	10	10	10	10	10	10	10	10	10	10	20
28	10	10	10	10	10	10	10	10	10	10	10	10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	10	10	10	10	10	10
29	10	10	10	10	10	10	10	10	10	10	10	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	10	[IM]	10	[IM]	10	10
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	10	10	20	10	10	10	10	10	10	10	20	20	20	20	30	30	30	30	20	20	20	20	20	20	20	[ ]
SD	6	7	6	6	6	6	7	7	7	6	7	18	9	11	11	15	19	15	12	8	7	5	5	6	7	[ ]

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	10	10	0	10	0	0	10	10	20	30	60	80	100	110	120	100	90	60	40	30	20	10	10	40	120
2	0	10	10	0	10	10	10	10	10	10	30	50	[CAL]	90	110	110	100	80	50	40	30	10	10	0	30	110
3	0	0	10	10	10	10	10	10	10	10	10	20	40	50	20	30	40	30	20	10	20	20	20	10	20	50
4	20	10	10	10	20	10	10	20	10	20	20	20	40	50	60	70	60	40	20	20	10	10	10	20	20	70
5	10	10	10	10	10	20	20	20	20	20	20	20	20	30	50	50	40	40	30	20	10	10	10	10	20	50
6	0	10	10	0	10	10	10	10	10	10	10	30	60	80	90	100	80	60	50	30	20	10	10	10	30	100
7	0	10	10	10	10	10	10	10	10	10	10	20	30	40	50	60	50	40	30	20	10	10	0	10	20	60
8	10	0	10	10	0	10	0	10	10	10	10	10	30	50	40	40	50	40	20	10	10	10	0	0	20	50
9	10	0	10	10	10	0	10	10	10	10	10	10	10	10	10	20	10	10	10	0	0	10	10	10	10	20
10	10	0	10	0	10	10	10	10	10	0	10	10	10	0	10	10	10	10	10	0	0	10	10	0	10	10
11	0	10	10	10	10	10	10	10	10	10	0	10	0	30	30	30	30	10	10	10	10	10	10	10	10	30
12	10	10	10	10	0	10	0	10	10	0	10	10	10	30	40	40	30	40	40	40	40	30	30	20	20	40
13	20	10	10	10	10	0	10	10	0	10	30	40	60	60	50	40	40	30	20	20	10	10	10	10	20	60
14	10	0	0	10	10	10	10	10	10	0	10	10	0	20	10	20	30	10	10	10	0	0	10	0	10	30
15	10	10	10	0	10	10	10	10	10	10	0	10	0	0	10	20	10	10	10	0	10	10	10	10	10	20
16	10	10	0	10	0	10	10	0	10	0	10	0	0	10	10	30	30	10	10	0	0	0	10	0	10	30
17	0	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	10	20	20	30	20	10	10	10	10	0	10	0	10	30
18	0	0	0	0	0	0	0	10	10	0	0	0	10	10	20	30	40	20	0	0	10	10	0	0	10	40
19	0	10	0	0	0	10	0	0	10	0	10	10	0	10	10	20	10	0	0	10	0	0	10	0	10	20
20	0	0	10	10	0	0	10	10	0	10	10	10	0	10	20	10	20	10	0	0	0	10	0	10	10	20
21	0	0	0	10	0	0	0	0	0	0	0	0	10	0	10	20	20	0	10	0	10	10	10	0	0	20
22	10	0	0	0	0	0	0	10	0	0	10	10	10	10	30	40	40	30	0	0	0	10	10	10	10	40
23	0	10	0	0	0	10	0	0	10	0	10	10	0	0	0	10	10	0	10	10	0	0	10	0	0	10
24	10	10	10	0	0	0	0	0	0	10	10	10	10	0	10	10	0	0	0	10	10	0	0	10	10	10
25	0	0	10	10	0	10	0	0	10	0	0	0	10	0	20	30	20	10	10	10	10	10	0	0	10	30
26	10	0	0	10	0	0	0	0	10	0	10	10	10	30	20	20	10	10	10	0	10	10	0	10	10	30
27	10	10	10	0	10	10	0	10	10	0	0	0	10	30	40	40	30	30	10	10	0	10	0	10	10	40
28	10	0	10	0	0	0	0	0	0	0	0	10	10	20	40	50	50	40	20	10	0	10	0	10	10	50
29	0	0	0	0	10	0	0	0	0	10	10	10	40	10	10	10	20	10	10	0	0	0	10	0	10	40
30	0	0	0	0	0	0	10	0	0	0	0	0	0	20	30	20	10	10	0	0	10	0	10	0	10	30
31	0	0	10	0	0	0	10	0	0	0	10	0	0	0	0	0	0	10	10	10	0	0	0	0	0	10
AV	10	10	10	10	10	10	10	10	10	10	10	10	20	30	30	40	30	20	20	10	10	10	10	10	10	[ ]
SD	6	5	5	5	6	6	6	6	5	7	9	14	21	27	28	29	25	22	15	12	10	7	7	6	9	[ ]

NITRIC OXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	FEAK
1	0	0	0	0	0	0	0	10	10	10	10	10	20	20	20	20	20	20	20	20	10	10	10	10	10	20
2	10	10	10	10	20	10	10	20	20	20	20	20	20	20	20	20	20	20	10	10	10	10	10	10	20	20
3	10	10	20	20	20	10	10	20	20	20	20	20	20	20	20	20	20	20	20	10	10	10	10	20	20	20
4	20	10	20	20	20	20	10	20	20	20	20	10	20	30	30	30	30	20	20	20	20	10	20	10	20	30
5	10	10	10	10	10	10	10	10	10	10	20	10	20	10	10	20	10	20	20	20	20	20	10	20	10	20
6	20	20	20	20	10	10	10	10	10	[PPB]	[PPB]	10	10	20	30	30	30	20	20	20	20	20	10	20	20	30
7	10	10	10	20	10	10	10	20	30	30	30	20	30	20	20	20	20	10	20	20	10	10	10	20	20	30
8	10	10	20	10	10	10	20	10	10	10	20	20	20	10	10	20	20	10	20	20	10	10	10	10	10	20
9	10	10	10	10	10	10	10	10	10	10	20	20	10	10	20	30	30	20	10	10	10	10	10	20	10	20
10	10	20	20	10	10	20	20	10	20	20	20	20	20	20	10	20	30	20	10	20	20	20	20	20	20	30
11	20	20	20	20	20	20	20	20	20	20	20	20	20	10	10	10	10	10	20	20	20	20	20	20	20	20
12	20	20	20	20	20	20	10	20	20	20	20	20	20	20	10	10	10	20	20	20	20	20	20	20	20	20
13	20	20	20	20	20	20	20	20	20	20	20	20	20	30	50	50	20	20	10	10	10	10	10	10	20	50
14	0	0	10	10	0	10	10	0	10	10	20	20	20	10	20	20	20	20	10	20	10	10	0	0	10	20
15	10	0	0	0	10	10	10	10	10	0	10	10	10	10	20	30	40	20	10	10	10	10	10	10	10	40
16	10	10	10	10	10	10	10	10	10	10	10	10	40	60	40	60	80	70	40	20	10	10	20	10	20	80
17	10	10	10	10	10	10	10	10	10	10	10	10	20	40	50	70	70	60	30	20	10	10	10	10	20	70
18	10	10	10	10	10	10	10	10	10	20	20	10	10	30	50	70	50	40	20	10	10	10	10	10	20	70
19	10	10	10	10	10	10	10	10	10	10	10	30	20	40	50	20	30	40	40	20	10	10	10	20	10	20	50
20	10	10	10	10	10	10	10	10	10	10	20	10	10	20	30	40	50	40	20	10	10	10	10	10	20	50
21	10	10	10	10	10	10	10	10	10	20	20	20	10	20	40	50	50	30	10	20	10	20	10	10	20	50
22	10	10	10	10	0	10	10	20	10	20	20	20	20	10	20	20	20	20	20	20	20	20	20	20	20	20
23	20	20	20	20	30	30	30	30	30	30	30	20	20	20	20	20	20	20	20	20	20	20	20	20	20	30
24	10	10	20	30	20	20	20	20	20	20	20	20	20	20	10	10	10	20	20	30	30	20	30	20	20	30
25	20	20	20	20	30	10	30	20	30	20	30	20	30	20	20	20	20	20	20	20	30	30	20	30	20	30
26	30	10	30	30	20	30	30	40	40	30	30	40	20	20	20	20	20	20	20	20	30	20	20	20	30	40
27	20	10	30	30	20	20	30	30	30	20	20	10	20	20	20	20	20	20	30	30	30	20	30	30	20	30
28	30	30	20	30	30	30	30	30	30	40	20	10	20	20	40	50	60	40	20	10	10	10	10	30	20	60
29	10	10	10	10	10	10	10	10	10	10	10	10	30	40	50	70	70	70	50	30	10	10	10	10	20	70
30	10	10	10	10	10	10	10	10	10	10	10	20	30	50	70	70	70	80	60	40	20	10	10	10	30	80
31	10	10	10	10	10	10	10	10	10	10	10	10	40	70	60	50	50	60	50	30	20	10	10	10	20	70
AVE	10	10	10	20	10	10	20	20	20	20	20	20	20	20	30	30	30	30	20	20	20	10	10	10	20	1
SD	8	8	7	8	9	9	8	8	9	8	7	8	6	13	16	19	20	19	12	7	7	6	7	7	5	1

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0	10
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	10
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	0	0
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	40	20	30	30	10	10	20	0	20	10	0	10	0	20	40
8	0	0	0	20	10	10	0	0	0	0	10	0	0	30	[CA]	10	0	20	10	0	0	0	10	10	10	30
9	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	10	0	0	0	0	0	10	0	10
10	0	0	0	0	10	10	0	0	0	10	20	0	10	10	0	0	10	0	10	0	0	0	10	0	0	20
11	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	10
12	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10	0	20	0	0	0	0	0	0	20
13	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	0	0	0	0	0	10	0	0	0	10
14	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	20	0	0	0	0	0	0	0	0	20
16	0	0	0	0	0	0	0	0	0	0	0	0	0	20	10	10	0	10	0	0	0	0	0	0	0	20
17	0	0	0	0	0	0	0	0	0	10	0	[CA]	20	10	20	20	0	0	0	0	0	10	0	0	0	20
18	0	10	10	10	10	10	0	0	0	0	0	0	0	10	0	0	0	30	0	0	0	0	0	0	0	30
19	0	0	0	0	0	0	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	20	10	10	0	10	0	0	0	0	0	20
20	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	10
21	0	0	0	0	0	0	20	10	0	0	0	10	10	10	0	30	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	10	30
22	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
23	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	0	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	10
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	0	0
26	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	[IM]	0	[IM]	0	0
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10	0	0	0	0	0	0	0 [	]
SD	0	2	2	4	3	3	4	2	0	4	4	8	7	9	8	8	5	8	5	4	3	3	3	3	3 [	]

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 14 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	10	0	10
6	20	20	20	20	10	10	10	10	20	20	10	0	0	0	0	0	0	0	0	0	0	0	10	0	10	20
7	10	0	0	0	0	10	0	0	0	10	20	0	0	0	0	0	0	0	0	0	0	10	10	10	0	20
8	10	10	10	10	20	10	10	0	10	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0	10	20
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	10	10	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	10	0	0	10
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	10
27	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
80	4	4	4	4	4	3	3	2	4	4	5	2	0	0	0	0	0	0	2	2	2	2	3	2	2 [ ]	

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

JANUARY, 1976

AEROVIRONMENT INC.

```
**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 14 APR 76   *
*                    *
**********************
*                    *
*    SUBJECT TO      *
*     REVISION       *
*                    *
**********************
```

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	[PF]	[PF]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [ ]	

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	30	20	20	20	20	10	10	10	20	30	40	50	50	60	60	60	60	50	40	30	30	30	30	20	30	60
2	20	20	20	20	20	20	20	20	20	30	40	30	50	60	60	60	60	60	40	30	30	30	30	30	30	60
3	30	30	20	20	20	20	20	10	20	20	30	40	50	60	70	70	70	60	50	30	40	30	30	30	40	70
4	20	20	20	20	20	20	20	20	20	20	30	30	50	60	60	60	60	50	40	30	30	30	20	20	30	60
5	20	20	20	20	20	20	20	10	20	20	40	40	[CA]	60	70	70	70	60	50	40	30	30	30	30	40	70
6	20	20	20	20	20	20	20	20	20	30	50	60	60	70	80	80	80	60	60	50	50	50	50	50	40	80
7	50	50	50	50	40	40	40	30	30	40	50	60	70	70	70	60	60	60	60	60	50	60	60	60	50	70
8	50	50	40	40	40	40	50	30	30	50	50	60	60	60	[CA]	60	60	60	50	50	50	50	50	40	50	60
9	40	40	40	50	60	30	30	20	50	50	60	70	70	70	70	70	70	50	50	50	40	40	40	40	50	70
10	30	30	30	30	30	30	30	30	30	30	30	40	50	50	50	50	50	50	50	60	60	60	60	50	40	60
11	50	50	30	30	50	50	30	30	50	50	50	50	60	60	70	70	70	60	60	50	50	50	40	40	50	70
12	40	40	40	40	40	30	30	30	40	40	50	50	60	60	60	60	60	60	50	40	40	40	40	40	50	60
13	30	30	30	30	30	30	30	20	30	30	50	50	50	60	60	60	60	60	40	40	40	30	30	30	40	60
14	30	20	20	20	20	20	20	20	20	30	40	50	[CA]	50	60	60	60	50	40	40	40	30	30	30	30	60
15	30	20	20	30	20	10	20	20	20	30	40	50	50	50	60	60	60	60	50	40	30	30	30	30	40	60
16	30	30	20	20	20	20	20	20	20	30	40	50	50	60	70	70	70	50	50	40	40	40	30	30	40	70
17	30	30	30	30	20	30	30	20	30	30	40	[CA]	50	60	60	60	60	50	40	40	40	40	40	30	40	60
18	30	30	30	30	30	30	30	30	30	30	40	50	60	60	60	60	50	50	50	50	50	50	50	50	40	60
19	50	40	40	50	50	50	50	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	50	50	50	50	50	50	50	50	50	50	50
20	50	40	40	40	40	40	40	40	40	40	50	60	50	50	50	50	50	50	40	40	40	40	40	40	40	60
21	30	30	40	40	40	40	30	30	30	40	40	50	50	50	50	60	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	40	60
22	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	50	50	40	40	30	40	40	40	40	50
23	30	30	30	30	30	30	30	30	30	30	40	40	[CA]	50	60	60	60	50	40	40	40	30	40	40	40	60
24	40	40	40	30	30	20	30	20	30	30	30	40	40	40	50	50	40	40	40	40	40	40	50	40	40	50
25	40	50	50	50	60	60	60	50	50	50	50	60	60	50	60	60	50	50	50	50	50	50	50	50	50	60
26	50	50	50	40	40	40	40	20	30	40	40	[CA]	60	60	60	50	50	50	40	40	40	40	30	30	40	60
27	30	30	30	40	40	30	30	20	20	30	40	40	40	50	50	50	50	50	50	50	50	50	50	40	40	50
28	40	40	40	40	40	40	40	40	40	40	50	50	50	60	70	70	70	70	70	70	70	60	60	70	50	70
29	70	70	70	60	60	60	60	60	50	60	50	50	50	60	60	60	60	60	60	60	60	60	60	60	60	70
30	60	60	60	60	60	60	60	50	50	50	50	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	40	40	30	40	30	30	30	20	30	40	40	50	50	60	60	60	60	50	50	50	40	40	40	40	40	[ ]
SD	12	13	13	12	14	13	14	13	11	10	8	8	7	7	8	7	9	6	8	10	10	11	12	12	8	[ ]

OZONE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 6

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	60	60	60	60	60	60	50	50	50	50	50	50	60	60	70	60	50	50	50	40	40	40	40	30	50	70
2	30	30	30	30	20	30	20	20	30	30	30	40	40	60	60	60	50	50	40	30	30	20	20	20	30	60
3	20	20	20	20	20	20	20	20	20	20	30	40	40	50	50	50	50	50	40	30	30	20	20	20	30	50
4	20	20	20	20	20	20	20	20	20	20	20	30	40	40	50	50	50	40	40	30	30	30	30	30	30	50
5	30	30	30	20	20	20	20	20	20	20	20	30	30	40	40	[CA]	40	40	40	30	30	30	40	30	30	40
6	30	30	30	30	30	20	20	20	20	20	30	40	40	50	60	60	60	50	40	30	30	30	30	30	30	60
7	20	20	20	20	20	20	20	20	20	20	30	30	30	40	50	40	40	40	30	30	20	20	20	20	30	50
8	20	20	20	20	20	20	20	20	20	20	20	30	30	40	40	40	40	40	30	30	30	30	30	30	30	40
9	20	20	20	20	20	20	20	20	20	20	20	20	30	30	30	30	30	40	40	40	40	40	40	30	30	40
10	30	30	30	30	20	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
11	30	30	30	20	20	20	20	20	20	20	30	30	[CA]	30	30	30	30	30	30	30	30	30	30	30	30	30
12	30	30	30	30	20	20	20	20	20	20	20	30	50	60	60	60	60	60	60	60	60	60	50	40	40	60
13	30	40	40	40	40	30	30	30	30	30	30	50	50	50	50	60	60	50	50	60	50	50	50	50	40	60
14	50	50	50	50	50	40	40	40	50	50	50	50	50	60	60	60	50	50	50	50	50	50	50	50	50	60
15	50	50	50	50	40	50	50	50	40	40	50	50	50	60	60	60	60	60	50	50	50	50	50	50	50	60
16	50	50	30	50	30	60	40	40	40	40	50	50	50	50	60	60	60	50	50	50	50	50	50	50	50	60
17	40	40	40	40	40	40	40	40	40	30	40	40	50	50	50	60	60	60	50	40	40	40	40	40	40	60
18	40	40	40	40	40	40	40	40	40	40	40	50	50	60	60	60	60	50	50	50	50	50	40	40	50	60
19	40	40	40	40	40	40	40	40	40	40	40	50	50	50	50	60	60	60	60	50	50	40	40	40	50	60
20	50	40	40	40	40	40	40	40	40	40	[CA]	40	50	50	50	60	60	60	60	50	40	40	40	40	50	60
21	40	40	40	40	40	40	30	40	40	40	50	50	50	50	50	60	60	60	60	70	70	70	60	50	50	70
22	50	30	50	50	40	50	40	30	40	40	50	50	50	70	80	80	80	70	60	60	50	50	50	50	50	80
23	50	50	50	50	40	50	40	40	40	50	40	50	50	50	70	70	70	60	50	50	50	50	40	40	50	70
24	40	40	40	40	40	40	30	30	30	30	40	50	50	50	50	50	50	50	60	60	50	50	60	50	40	60
25	50	50	50	50	50	50	50	50	50	50	50	50	60	60	60	60	60	60	60	60	60	60	50	50	50	60
26	50	50	50	50	50	40	40	40	30	40	50	50	50	60	60	60	60	60	60	60	60	50	50	50	50	60
27	50	50	50	50	50	40	40	40	40	40	40	40	60	70	70	70	70	70	60	60	60	60	60	50	50	70
28	50	50	50	50	50	50	50	50	40	50	30	50	60	60	60	60	60	60	50	50	50	50	50	50	50	60
29	50	40	50	40	40	40	40	40	40	40	40	40	50	50	60	60	50	50	50	30	40	40	40	40	40	60
30	40	40	40	40	30	30	30	20	40	40	40	40	50	50	50	70	70	60	60	60	60	60	60	60	50	70
31	60	60	60	50	50	50	50	50	50	50	50	50	50	50	50	40	40	40	40	40	40	30	30	30	50	60
AV	40	40	40	40	40	40	39	39	39	39	40	40	50	50	50	60	60	50	50	50	40	40	40	40	40 [	]
SD	12	12	12	12	13	12	12	11	10	11	11	9	9	10	12	12	12	10	10	13	12	13	12	11	9 [	]

(MICROGRAMS/CU METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 6

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	30	20	20	20	20	20	30	20	20	20	40	40	40	40	40	40	40	40	40	40	40	40	40	40	30	40
2	40	40	40	40	40	40	30	40	30	40	40	40	40	50	50	50	50	50	40	40	40	40	40	40	40	50
3	[illegible]	[illegible]	40	30	40	40	[illegible]	40	[illegible]	40	40	50	50	50	50	60	60	50	50	50	50	50	50	50	[illegible]	60
4	50	50	50	50	50	40	40	40	50	50	50	90	50	60	60	60	60	50	50	50	50	50	50	50	50	90
5	40	40	40	40	40	40	40	40	40	50	50	50	50	60	60	60	60	60	60	60	60	60	60	60	50	60
6	50	40	50	60	60	50	60	60	50	50	IFFI	50	50	60	70	70	70	70	70	70	70	60	60	60	60	70
7	60	60	60	60	60	50	50	50	50	50	50	70	50	60	60	60	60	60	60	60	50	50	60	50	60	70
8	50	50	50	50	50	50	60	60	60	60	60	60	60	70	70	80	80	80	70	60	60	60	50	50	60	80
9	50	70	50	50	50	50	50	50	50	50	50	50	60	70	70	70	70	70	70	70	70	70	70	70	60	70
10	60	60	60	60	60	70	70	60	60	70	70	70	80	80	80	50	90	50	80	70	70	70	60	70	70	90
11	70	60	60	60	60	60	50	50	50	50	50	60	70	70	80	80	80	60	70	60	60	60	60	60	60	80
12	50	70	60	60	50	60	50	60	50	60	60	70	70	70	80	80	80	80	70	70	70	70	60	60	70	80
13	70	70	70	70	70	60	60	60	60	60	60	80	60	70	70	70	70	60	60	60	60	60	50	50	60	80
14	60	60	50	50	50	50	50	50	40	50	50	50	60	70	70	80	70	70	70	60	60	60	60	50	60	80
15	70	70	50	70	50	50	50	70	50	70	50	50	70	70	70	80	80	80	80	80	80	70	70	60	60	80
16	60	60	60	60	50	50	60	50	50	50	60	70	80	70	80	80	80	80	100	90	70	60	60	50	70	100
17	50	50	40	40	50	40	40	30	30	40	40	40	50	60	80	90	90	90	70	60	50	50	50	40	50	90
18	50	40	40	40	30	40	40	40	40	40	50	50	60	70	70	70	80	90	90	80	70	60	60	70	60	90
19	60	60	60	60	60	50	50	50	40	30	60	70	60	70	70	70	70	70	60	60	60	50	50	50	60	70
20	50	50	50	50	50	50	40	40	40	40	40	50	60	60	70	70	70	70	60	50	50	50	50	40	50	70
21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70	80	80	90	80	90	70	60	60	60	50	70	90
29	50	50	50	40	50	50	40	40	40	40	50	50	60	70	60	70	70	60	60	50	40	40	40	40	50	80
30	50	40	40	40	40	40	40	40	30	40	40	50	60	60	60	70	60	70	70	70	70	70	70	70	50	60
31	60	50	50	50	50	50	50	50	50	50	60	70	60	70	80	80	80	60	70	60	50	50	50	50	60	80
47	50	50	50	50	50	50	50	50	50	50	50	60	60	60	70	70	70	70	70	60	60	60	60	50	60	[illegible]
50	10	11	11	11	11	10	11	10	10	10	8	13	9	9	11	12	12	12	14	12	11	9	10	10	9	[illegible]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 7

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	0	5	5	5	5	5	5	5	0	5	5	5	5	5	0	5	5	5	0	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	10
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	0	5	5	5	5	5	5	10
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
12	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
13	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
14	5	5	5	5	5	10	10	10	10	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	10
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	0	5	5	0	0	5	5	5	[PF]	[PF]	[PF]	[PF]	[PF]	10	5	5	5	5	5	5	5	5	5	5	10
20	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5
22	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	10	5	10	5	10	5	5	10	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	10
27	5	5	5	5	5	10	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	10	5	5	10
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	10	10	5	5	10
30	10	5	5	5	10	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
N7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[ ]	1
SD	1	1	1	1	2	2	1	2	2	2	0	1	1	1	1	1	0	2	1	1	2	1	2	0	0 [ ]	1

OTAL SULFUR
(MICROGRAMS/CU METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO *
* REVISION *

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	5	0	5	0	0	0	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	0	5	0	5	5	5	5	5	0	0	5	5	0	5	5	5	0	0	0	5	0	5	5	5
14	0	5	5	5	0	5	0	5	5	5	5	5	5	0	5	5	5	0	5	5	5	0	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	0	5	0	5	5	5	0	5	5	5	5	5	5	5
16	5	5	5	0	5	5	5	5	5	5	5	5	5	5	0	5	0	0	0	5	0	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	0	0	5	5	0	5	5	5	5
18	5	5	5	0	5	5	5	5	5	5	5	5	15	5	0	5	0	5	0	0	5	5	5	0	5	15
19	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	0	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	0	0	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	0	5	5	0	0	5	5	0	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	0	5	0	5	5	5	5
25	0	5	5	0	5	5	5	5	5	5	5	0	5	5	0	0	5	0	5	5	0	5	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5
27	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5
28	5	5	5	5	5	0	5	5	5	5	5	5	0	5	0	0	5	5	5	5	0	5	5	5	5	5
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5
30	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	0	0	5	0	0	5	5	5	5	5	10
31	5	0	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5
AVE	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[ ]
SD	1	1	1	2	1	0	1	0	0	0	1	1	2	1	2	2	2	2	2	2	2	1	1	1	1	[ ]

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 7

JANUARY, 1976

AEROVIRONMENT INC

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	3	5	5	5	5	5	5	10	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	10
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
4	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	0	0	5	0	0	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	5	5	5	5	5	5	[PF]	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	5	5	5	5	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	10	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	10	5	5	5	5	5	10	10	10	5	5	5	5	10	5	5	5	10
14	5	5	10	10	10	10	10	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	10
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	10
17	5	5	10	10	10	10	5	10	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
18	5	5	5	5	10	5	5	5	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
21	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
22	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	10
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
31	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
AVE	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	1
SD	1	1	1	1	1	1	1	2	2	2	2	0	1	2	1	2	2	1	1	1	1	1	1	1	1	1

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 7

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	0	0	5	5	5	5	0	0	0	5	0	0	0	0	0	0	0	5	0	0	0	5
2	0	0	5	5	5	5	5	5	5	0	0	5	5	0	5	5	0	0	0	5	0	0	0	0	5	5
3	5	5	5	5	5	0	0	5	5	0	0	0	0	5	0	0	5	0	0	0	0	5	0	0	0	5
4	0	0	0	0	0	0	5	5	0	0	5	0	0	0	0	0	0	5	0	0	5	0	0	0	0	5
5	5	0	0	5	5	5	5	5	5	5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5
6	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	5	5	5
7	0	0	5	0	0	5	5	5	5	5	5	0	5	0	0	0	0	0	0	0	0	0	5	0	0	5
8	0	0	5	0	5	0	5	0	5	5	5	0	0	0	0	0	5	5	5	5	5	0	5	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	0	0	0	0	0	0	5	5	5
10	5	5	5	5	0	0	0	0	5	5	0	0	5	5	0	0	0	5	0	0	0	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	0	0	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	0	5	5	5	5	5	0	0	5	0	0	5	5	0	5	5	5	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5	5	5	5	5	0	0	0	0	5	5
15	5	0	5	5	0	0	0	0	0	0	0	5	5	0	0	5	0	0	0	0	0	0	0	0	0	5
16	0	0	0	0	0	0	0	0	5	5	0	0	5	0	0	0	5	0	0	0	0	0	0	0	0	5
17	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	5
18	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5	5	0	5	0	0	0	0	5	0	5
19	5	0	5	5	0	0	5	5	5 [PF]	[PF]	[PF]	[PF]	[PF]		0	5	0	0	0	5	5	5	0	0	5	5
20	5	0	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	5	0	5	0	5	5	5
21	0	0	5	5	0	0	0	5	5	0	0	0	0	5	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	5
22	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]		0	0	0	0	5	0	0	0	0	5
23	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
24	0	5	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
25	0	0	0	5	0	0	0	5	5	5	5	5	0	0	0	0	5	5	0	0	0	5	0	0	0	5
26	5	0	5	0	5	5	5	5	5	5	5	5	5	5	5	0	5	0	5	0	5	5	0	0	5	5
27	5	0	0	0	5	0	5	0	0	5	0	0	5	0	0	0	0	5	0	0	0	0	0	0	0	5
28	0	5	5	5	5	0	5	0	5	5	5	0	0	0	5	5	5	5	5	0	0	5	5	5	5	5
29	5	0	0	0	0	0	0	0	5	0	5	0	0	5	5	0	0	5	5	5	5	5	5	5	5	5
30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	0	0	5	5
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	0	5	5	5	0	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [	1
SD	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1 [	1

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 7

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

SUBJECT TO REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
2	0	0	0	0	5	0	0	0	5	5	5	0	0	5	5	5	0	0	0	0	5	5	0	0	0	5
3	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	0	0	0	5	5	0	0	0	5	5	5
4	5	5	5	5	5	5	0	5	5	5	5	5	0	0	0	5	0	5	0	0	5	5	5	0	5	5
5	0	0	5	5	5	5	5	5	5	5	5	0	0	5	0	5	0	0	0	0	5	5	0	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	5	5	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	5	0	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	0	5	5	5	5	5
14	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	0	5	5	5	5
15	5	5	0	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	5	5	5	5	5	5	5	5
16	5	5	5	0	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	5	5	5	5	0	5	5	5
18	0	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	5	5	0	5	5
19	0	0	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	0	0	5	5	0	0	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5	0	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	0	0	5	5	5	0	0	0	0	0	5	5	0	5	5	5	5
23	0	5	0	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	0	0	0	5	0	5	5	5
24	5	5	5	5	5	5	5	5	0	5	5	5	5	0	5	0	0	0	5	0	0	0	5	5	5	5
25	0	5	5	5	5	5	5	5	5	5	5	0	5	0	0	0	0	0	5	5	5	5	0	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	5	5	5	5	5
27	5	5	5	5	5	5	0	0	5	5	5	5	5	0	0	5	5	5	5	5	5	5	0	5	5	5
28	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	0	5	5	5	5	5	5
29	5	5	5	5	5	5	5	5	5	0	5	5	5	0	5	5	5	0	0	5	5	5	5	5	5	5
30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	5	5	5	5	5	5
31	5	5	5	5	5	0	0	5	5	5	5	5	0	0	5	0	0	0	0	5	5	5	5	5	5	5
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	5	5	5	5	5	5 [	]
SD	2	2	2	1	0	1	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1 [	]

DROGEN SULFIDE
(NITROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

JANUARY,1976

AEROVIRONMENT INC

PRELIMINARY DATA
AS OF 11 APR 76

SUBJECT TO
REVISION

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	DAY
1	0	5	0	5	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5	5	5	0	5
2	0	5	0	5	5	5	5	5	5	5	0	0	0	5	0	5	0	0	0	0	0	5	5	0	0	5
3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
4	0	0	0	0	5	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	5	5	0	0	5
5	5	5	5	5	0	5	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
7	0	0	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
8	5	5	5	5	5	5	5	5	5	EPF1	5	5	5	5	0	0	0	5	0	0	0	0	0	0	0	5
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
11	0	0	5	0	0	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
16	5	5	5	0	0	5	5	5	5	5	0	0	0	0	0	0	5	5	0	0	0	0	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5	0	0	0	0	0	0	5	5
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
20	5	5	0	5	5	0	5	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
22	0	0	0	0	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	5	0	0	5	0	5
23	5	5	0	5	5	0	5	5	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
25	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5
26	0	0	0	0	0	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
28	0	0	0	0	0	0	5	5	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
29	0	0	0	0	0	0	0	0	5	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
AVE	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[1
DAY	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	1	1	2	2	2	2	1	[1

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 7

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

* SUBJECT TO *
* REVISION *

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	0	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	0	5	5	0	5	5	5
3	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	10
4	5	5	5	5	5	5	5	10	5	5	5	10	5	5	5	0	5	5	5	5	5	5	5	5	5	10
5	0	0	0	5	5	5	0	5	0	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5
6	5	5	5	5	5	5	10	5	5	10	10	5	5	10	5	5	5	0	5	5	5	5	5	5	5	10
7	5	5	5	5	5	10	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	0	5	5	5	5	5	5
10	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
11	5	5	5	10	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	10
12	5	5	5	10	5	5	10	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
13	5	10	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
14	5	5	10	10	5	10	10	10	10	5	5	5	5	5	5	5	5	5	5	10	5	0	5	5	5	10
15	5	5	5	5	5	5	5	5	10	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	10
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5
17	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	10
19	5	5	5	5	5	5	5	5	10	[PF]	[PF]	[PF]	[PF]	5	5	10	5	5	5	5	10	5	5	5	5	10
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	10
21	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	10
22	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5	5	0	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	0	5	0	0	5	0	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	0	5	5	5	5	0	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
27	5	5	5	0	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	5
29	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	10	5	5	5	10	5	5	10
30	5	5	5	5	5	5	10	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5 [ ]	
SD	1	1	2	2	1	1	2	2	2	1	2	1	1	2	2	2	1	2	2	2	2	1	2	1	1 [ ]	

ULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 7

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	0	0	5	5	5	5	5	5	5	5	0	5	0	0	5	0	0	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
3	5	5	5	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	0	5	0	5	5	5
14	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	5	5	5	5	5	5	5	5	5	5	5	5	0	5	0	0	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5	5	5	5	5	5	5
17	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	0	5	5	5	5	5	5	5	5
18	0	5	5	5	5	5	10	5	5	5	5	5	0	5	0	5	0	0	0	5	5	5	5	5	5	10
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	0	5	5	5	5	5	5	5	5
20	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	10
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	0	0	5	0	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	0	0	0	5	0	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	0	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	0	5	5	5	5	5
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	5	10	5	10	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	5	5	5	5	5	10
31	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5 [	1
SD	1	1	1	1	0	1	1	0	0	0	1	1	1	1	2	2	2	2	1	1	1	0	1	0	0 [	1

NITROGEN DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 7

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

GLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	5	[BRF]	5	5
2	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	5	5	5	5	5
3	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	5	5	5	5	5	5	5	5	5	5	5	5	5	[BRF]	[BRF]	[BRF]	5	5
4	[BRF]	[BRF]	5	5	5	[BRF]	[BRF]	5	5	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	5	5	5	5	[BRF]	[BRF]	5	5	5	5
5	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	[BRF]	5	5	[BRF]	[BRF]	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
8	5	5	5	5	5	5	5	5	[BRF]	5	10	10	5	5	5	5	5	5	5	5	5	5	5	5	8	10
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
11	5	5	5	5	5	5	5	10	10	10	10	5	5	5	5	5	5	10	5	5	5	5	5	5	5	10
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	5	5	10	10	10	10	10	5	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	10	5	10
15	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	5	5	5	10	5	10	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
27	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
28	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
30	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
31	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
AVE	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	[1
PEAK	1	1	2	2	1	2	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	[1

AL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

SUBJECT TO REVISION

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	5	5	0	0	10	5	5	10	15	5	15
6	20	20	20	15	15	15	15	15	20	20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	20	20	5	15	20
7	5	10	15	15	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	15	15	20	5	20
8	20	20	20	20	20	20	20	20	20	20	10	0	5	10	10	20	20	0	0	0	0	0	0	0	10	20
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	0	0	5
11	0	0	5	5	0	5	0	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5	5	0	5
16	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
19	0	0	0	0	0	0	0	0	0	0	0	[PF]	[PF]	[PF]	[PF]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
20	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5	0	0	0	0	0	0	0	0	0	5
21	5	7	0	0	0	5	5	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	5	10
22	5	5	5	5	5	5	5	10	5	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10
23	5	5	5	5	5	5	5	5	5	5	5	10	5	10	15	10	5	5	5	5	5	0	0	5	5	15
24	0	0	0	0	5	5	5	10	10	0	0	0	5	5	5	0	0	0	5	0	0	0	0	0	0	10
25	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	5	5	5	5	5	0	5
26	0	0	5	5	5	0	0	0	0	5	5	0	0	0	5	5	5	5	5	0	5	5	10	5	5	10
27	10	10	10	10	5	5	5	10	10	10	10	15	15	20	20	20	20	20	15	15	15	15	15	15	15	20
28	15	15	10	15	15	15	15	15	15	10	15	15	15	15	15	10	10	10	5	5	5	5	5	5	10	15
29	5	5	10	10	5	5	5	10	10	10	10	5	0	5	0	0	0	0	0	0	0	0	0	0	0	10
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	3	3	3	5	3	3	3	3	3	3	3	3	3	3	3	3	3	0	0	0	3	3	3	3	3 [	1
MO	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	4	4	3	3	3	3 [	1

TAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 0

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	5	5	5	5
2	5	5	5	5	0	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	5	5	5	5	0	5	5	5	0	0	5	0	0	0	0	0	0	0	0	0	5	5	5	0	5
6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [	1
SD	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1 [	1

TOTAL SULFUR
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 8

JANUARY, 1976

AEROVIRONMENT INC.

```
*********************
*                   *
* PRELIMINARY DATA  *
* AS OF 11 APR 76   *
*                   *
*********************
*                   *
*   SUBJECT TO      *
*    REVISION       *
*                   *
*********************
```

CLOCK HOUR (LOCAL STANDARD TIME)

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	(PPT)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 8

NOVEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	5	5	5	3	5	5	5	5	5	0	0	0	0	0	5
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	5
11	0	0	0	5	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
15	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	0	0	0	0	0	0	5	0	5
16	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	5
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	[PF]	[PF]	[PF]	[PF]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0
20	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5
22	0	0	0	0	0	5	5	5	5	5	0	5	5	5	0	5	0	0	0	0	0	0	0	0	0	5
23	0	0	0	0	0	0	5	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5	0	0	5
26	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	1	0	1	1	1	1	2	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	[ ]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 16 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [	]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [	]

HYDROGEN SULFIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 8

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 16 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	[PF]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[ ]

ULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

NOVEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
2	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
3	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
4	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	0	5	0	0	0	0	5	0	5	0	5
7	5	0	0	0	0	0	0	0	5	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	5
8	0	0	0	0	0	0	5	3	5	5	5	5	5	0	5	0	0	0	0	0	0	0	0	5	0	5
9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	0	5	5	5	5	5
10	0	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	0	10	5	5	5	5	10
11	5	5	5	15	5	5	5	5	10	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5	15
12	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	0	5	5	5	5	5	5
13	5	5	5	5	5	10	5	5	5	5	5	5	5	5	5	5	5	0	5	0	5	5	5	5	5	10
14	5	5	5	5	0	5	5	5	5	10	5	5	5	5	5	0	0	0	5	5	5	5	5	5	5	10
15	5	5	5	5	5	5	5	0	0	5	5	5	5	5	5	5	0	0	0	5	5	5	5	10	5	10
16	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	0	5	5	5	5	5
17	5	5	0	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	5	5	5	5	5	5	5	5
18	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	5	5	5	5	5	5	5	5	5	5	5	[PF]	[PF]	[PF]	[PF]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	5
20	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	5	0	0	0	5	5	5	5	5	5	5	5
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
22	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	0	0	5	5	5	5	5	5
23	5	5	5	5	5	5	5	5	5	5	10	5	5	10	10	10	5	5	5	5	5	5	5	5	5	10
24	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	5	5	5	0	5	0	5	5	0	5	5	5	5	5	0	0	0	5	5	5	5	0	5	5	5	5
26	5	0	5	0	5	5	5	5	5	5	5	0	5	0	5	5	5	0	5	0	5	0	5	5	5	5
27	5	5	5	0	5	5	5	5	5	5	5	5	5	5	0	5	5	5	0	0	0	5	5	0	5	5
28	0	5	0	0	0	5	5	0	0	5	0	5	0	0	5	0	5	5	5	5	5	5	5	5	5	5
29	5	5	5	5	5	5	5	0	5	5	5	5	0	5	5	5	5	5	0	0	0	0	0	0	5	5
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0	5	5	5	5	5	5	5 [	1
MO	2	2	2	3	2	2	2	2	2	2	2	1	2	2	2	3	2	2	2	2	3	2	2	2	1 [	1

SULFUR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT,UTAH

SITE A 8

DECEMBER,1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 16 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	0	5
2	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 [	]
SD	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0 [	]

[illegible] FOR DIOXIDE
(MICROGRAMS/CU. METER)

WHITE RIVER SHALE PROJECT, UTAH

SITE A 8

JANUARY, 1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 11 APR 76 *
****

****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	[illegible]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AVE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEAK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

C. AIR QUALITY

2. MISCELLANEOUS DATA

WHITE RIVER SHALE PROJECT, UTAH

SUSPENDED PARTICULATE WEIGHT
(Micrograms per cubic meter)

Date	A1	A2	A3	A4	A5	A6	A7	A8
11-2-75	5.3	3.3	5.2	4.0	9.2	4.9	3.9	9.3
11-8-75	4.6	4.6	5.2	11.3	8.6	15.3	5.9	13.3
11-14-75	6.6	28.9	9.7	14.0	33.0	12.6	11.2	20.6
11-20-75	Not Rec'd	7.9	9.7	16.7	39.6	Not Rec'd	7.2	N/R
11-26-75	5.9	5.9	9.7	9.3	24.4	8.3	7.2	8.1
12-2-75	70.7	69.5	73.2	72.4	75.6	75.6	91.5	76.6
12-8-75	5.9	IM	5.2	6.0	11.2	IM	9.2	12.6
12-14-75	3.3	3.9	7.8	6.0	5.3	16.0	4.6	6.0
12-20-75	4.6	N/R	5.8	3.3	13.9	3.5	6.6	8.0
12-21-75	N/R	5.3	N/R	N/R	N/R	N/R	N/R	N/R
12-26-75	5.9	6.6	3.2	6.6	11.2	2.1	11.8	9.9
1-1-76	9.3	7.9	4.5	7.3	11.0	3.5	7.9	8.0
1-7-76	4.0	3.9	1.3	4.0	5.3	.7	5.3	4.1
1-13-76	4.0	3.3	1.9	3.3	5.3	1.4	3.3	4.0
1-19-76	3.3	5.3	2.6	4.7	8.6	4.4	5.3	6.0
1-25-76	15.9	18.4	11.7	17.9	24.4	6.9	23.7	24.5
1-31-76	5.3	5.3	5.8	4.7	9.9	3.5	9.9	8.7
2-6-76	7.9	7.2	7.8	8.6	13.9	8.3	10.5	13.9
2-12-76	9.9	10.5	7.8	9.3	23.6	6.3	17.1	14.6
2-18-76	4.6	3.9	3.2	5.3	8.6	6.3	3.3	5.3
2-24-76	6.6	9.2	8.4	8.0	14.5	4.2	11.2	13.3

N/R = Instrument Not Run (no data collection attempted)

IM = Instrument Malfunction

RADIATION SURVEY

WHITE RIVER SHALE PROJECT

Date	Time	Site	Position	Height	Soil	Exposure Rate cpm (x100)	Exposure Rate mR/hr*	Exposure Rate mrad/hr (.10)	Initial
Dec 75	0930	A1	0	0	Snow Covered & Rocky	9,500		.017	[illegible]
			0	1m		8,500		.014	
			100N	1m		9,000		.016	
			100E	1m		8,500		.013	
			100W	1m		11,000		.022	
			100S	1m		10,000		.019	
5 Dec 75	1115	A9	0	0	Snow Covered & Rocky	8,000		.012	[illegible]
			0	1m		7,500		.012	
			100N	1m		11,500		.014	
			100S	1m		9,500		.014	
Dec 75	1100	A2	0	0	Snow covered Rocky soil.	11,500		.003	RL
			0	1m		10,500		.004	
			100N	1m		9,500		.006	
			100E	1m		11,500		.005	
			100W	1m					
			100S	1m					
1 Dec 75	1423	A4	0	0	Snow covered Rocky.	13,000		.007	RL
			0	1M		10,000		.004	
			100 N	1M		9,000		.005	
			100 E	1M		10,000		.006	
			100 W	1M		9,000		.007	
			100 S	1M		11,500		.008	

*For PUG-1E with PGS-3L probe, 10,000 cpm = 0.028 mR/hr

RADIATION SURVEY

WHITE RIVER SHALE PROJECT

ate	Time	Site	Position	Height	Soil	Exposure Rate cpm	mR/hr*	mrad/hr	Initials
-76	0945 MST	A11	0	0	Snow covered	← 9,500		.002	RL
			0	1m	Rocky	← 9,000		.003	
			100N	1m		← 13,000		.005	
			100S	1m		← 6,000		.004	
0-76	1215 MST	A6	0	0	Snow Covered	8,000		.015	[illegible]
			0	1m	Rocky	7,500		.015	
			100N	1m		8,500		.018	
			100E	1m		8,000		.020	
			100W	1m		7,500		.015	
			100S	1m		8,000		.018	
	1020 MST	A8	0	0	Snow Covered	5,500		.001	RL
			0	1m	Rocky	6,000		.001	
			100N	1m		5,000		.001	
			100E	1m		6,500		.002	
			100W	1m		5,500		.001	
			100S	1m		6,000		.001	
3-76	1630	A7	0	0	Snow Covered	12,000		.025	[illegible]
			0	1m	Rocky	11,000		.020	
			100N	1m		25,000		.040	
			100E	1m		12,500		.025	
			100W	1m		13,000		.028	
			100S	1m		9,000		.015	

*For PUG-1E with PGS-3L probe, 10,000 cpm = 0.028 mR/hr

RADIATION SURVEY

WHITE RIVER SHALE PROJECT

Date	Time	Site	Position	Height	Soil	Exposure Rate			Initial
						cpm	mR/hr*	mrad/hr	
29-76	1500	A3	0	0	Rocky Snow Covered	7,000		.008	[illegible]
			0	1m		6,500		.008	
			100N	1m		9,000		.019	
			100E	1m		8,500		.018	
			100W	1m		8,000		.016	
			100S	1m		8,500		.020	

*For PUG-1E with PGS-3L probe, 10,000 cpm = 0.028 mR/hr

PRELIMINARY DATA
Subject to further revision.

LEVEL OF COMPLETION
- ____ 1st QC
- ✓ Entry errors corr'd
- ____ Calibrated
- ____ Final Calibration
- ____ Final QC

Thermo-Luminescent Dosimetry Record

White River Shale Project

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
A1	04	24 Nov 75	24 DEC 75	9.3	FM
"	46	24 Nov 75	24 DEC 75	9.6	FM
"	50	24 Nov 75	24 DEC 75	10.2	FM
A2	18	24 Nov 75	24 DEC 75	14.6	FM
"	20	24 Nov 75	24 DEC 75	14.6	FM
"	47	24 Nov 75	24 DEC 75	14.6	FM
A3	23	27 Nov 75	24 DEC 75	8.8	FM
"	30	27 Nov 75	24 DEC 75	9.0	FM
"	31	27 Nov 75	24 DEC 75	9.2	FM
A4	08	23 Nov 75	23 DEC 75	16.0	FM
"	16	23 Nov 75	23 DEC 75	16.0	FM
"	21	23 Nov 75	23 DEC 75	16.0	FM
A5	03	26 Nov 75	23 DEC 75	8.8	FM
"	33	26 Nov 75	23 DEC 75	9.0	FM
"	40	26 Nov 75	23 DEC 75	9.0	FM
A6	28	23 Nov 75	23 DEC 75	11.5	FM
"	35	23 Nov 75	23 DEC 75	13.1	FM
"	44	23 Nov 75	23 DEC 75	14.6	FM
A7	19	27 Nov 75	24 DEC 75	11.4	FM
"	25	27 Nov 75	24 DEC 75	10.5	FM
"	36	27 Nov 75	24 DEC 75	10.8	FM

PRELIMINARY DATA
Subject to further revision.

LEVEL OF COMPLETION
1st QC
Entry errors corr'd
Calibrated
Final Calibration
Final QC

Thermo-Luminescent Dosimetry Record
White River Shale Project

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
A8	17	26 Nov 75	23 DEC 75	8.8	FM
"	27	26 Nov 75	23 DEC 75	9.2	FM
"	29	26 Nov 75	23 DEC 75	9.3	FM
A9	07	24 Nov 75	24 DEC 75	11.1	FM
"	09	24 Nov 75	24 DEC 75	11.1	FM
"	10	24 Nov 75	24 DEC 75	10.8	FM
A10	24	27 Nov 75	24 DEC 75	8.5	FM
"	26	27 Nov 75	24 DEC 75	9.9	FM
"	32	27 Nov 75	24 DEC 75	9.0	FM
A11	02	23 Nov 75	23 DEC 75	16.0	FM
"	13	23 Nov 75	23 DEC 75	14.6	FM
"	49	23 Nov 75	23 DEC 75	16.0	FM
A12	22	26 Nov 75	23 DEC 75	11.1	FM
"	34	26 Nov 75	23 DEC 75	11.1	FM
"	38	26 Nov 75	23 DEC 75	10.5	FM

PRELIMINARY DATA
Subject to further revision.

LEVEL OF COMPLETION
____ 1st QC
____ Entry errors cor'd
✓ Calibrated
____ Final Calibration
____ Final QC

Thermo-Luminescent Dosimetry Record

White River Shale Project

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
1	16	24 Dec 75	23 Jan 76	10.2	RL, FM
1	27	24 Dec 75	23 Jan 76	9.6	RL, FM
1	33	24 Dec 75	23 Jan 76	9.9	RL, FM
2	03	24 Dec 75	23 Jan 76	14.6	RL, FM
2	35	24 Dec 75	23 Jan 76	13.7	RL, FM
2	40	24 Dec 75	23 Jan 76	12.1	RL, FM
3	02	24 Dec 75	23 Jan 76	9.9	RL, FM
3	13	24 Dec 75	23 Jan 76	9.6	RL, FM
3	21	24 Dec 75	23 Jan 76	10.1	RL, FM
4	41	23 Dec 75	22 Jan 76	12.8	RL, FM
4	54	23 Dec 75	22 Jan 76	14.8	RL, FM
4	56	23 Dec 75	22 Jan 76	14.3	RL, FM
5	01	23 Dec 75	22 Jan 76	8.3	RL, FM
5	05	23 Dec 75	22 Jan 76	8.8	RL, FM
5	51	23 Dec 75	22 Jan 76	11.7	RL, FM
6	06	23 Dec 75	22 Jan 76	10.8	RL, FM
6	14	23 Dec 75	22 Jan 76	13.4	RL, FM
6	42	23 Dec 75	22 Jan 76	13.1	RL, FM
7	38	24 Dec 75	23 Jan 76	10.8	RL, FM
7	44	24 Dec 75	23 Jan 76	11.9	RL, FM
7	49	24 Dec 75	23 Jan 76	12.2	RL, FM

PRELIMINARY DATA
Subject to further revision.

LEVEL OF COMPLETION
____ 1st QC
✓ Entry errors corr'd
✓ Calibrated
____ Final Calibration
____ Final QC

Thermo-Luminescent Dosimetry Record

White River Shale Project

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
8	48	23 Dec 75	22 JAN 76	7.9	RL, FM
8	53	23 Dec 75	22 JAN 76	10.6	RL, FM
8	55	23 Dec 75	22 JAN 76	11.5	RL, FM
9	08	24 Dec 75	23 JAN 76	10.8	RL, FM
9	17	24 Dec 75	23 JAN 76	11.2	RL, FM
9	28	24 Dec 75	23 JAN 76	10.8	RL, FM
10	22	24 Dec 75	23 JAN 76	11.4	RL, FM
10	29	24 Dec 75	23 JAN 76	11.5	RL, FM
10	34	24 Dec 75	23 JAN 76	11.1	RL, FM
11	11	23 Dec 75	22 JAN 76	13.4	RL, FM
11	45	23 Dec 75	22 JAN 76	15.7	RL, FM
11	52	23 Dec 75	22 JAN 76	16.6	RL, FM
12	37	23 Dec 75	22 JAN 76	11.5	RL, FM
12	39	23 Dec 75	22 JAN 76	11.4	RL, FM
12	43	23 Dec 75	22 JAN 76	10.6	RL, FM

PRELIMINARY DATA
Subject to further revision.

LEVEL OF COMPLETION
- ____ 1st QC
- ____ Entry errors corr'd
- ✓ Calibrated
- ____ Final Calibration
- ____ Final QC

Thermo-Luminescent Dosimetry Record

White River Shale Project

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
1	5	23 JAN 76	MISSING PROBABLY SHAKEN OFF BY WIND AND IS BURIED IN ICE AND SNOW		
"	6	23 JAN 76	22 FEB 76	8.8	FM
"	43	23 JAN 76	22 FEB 76	8.5	FM
2	42	23 JAN 76	22 FEB 76	14.3	FM
"	45	23 JAN 76	22 FEB 76	11.8	FM
"	48	23 JAN 76	22 FEB 76	12.0	FM
3	14	23 JAN 76	22 FEB 76	10.0	FM
"	51	23 JAN 76	22 FEB 76	11.0	FM
"	52	23 JAN 76	22 FEB 76	11.3	FM
4	04	22 JAN 76	21 FEB 76	10.0	FM
"	26	22 JAN 76	21 FEB 76	9.3	FM
"	36	22 JAN 76	21 FEB 76	8.8	FM
5	15	22 JAN 76	21 FEB 76	6.9	FM
"	30	22 JAN 76	21 FEB 76	6.4	FM
"	47	22 JAN 76	21 FEB 76	6.4	FM
6	07	22 JAN 76	21 FEB 76	8.0	FM
"	10	22 JAN 76	21 FEB 76	8.8	FM
"	25	22 JAN 76	21 FEB 76	7.6	FM
7	41	23 JAN 76	22 FEB 76	10.3	FM
"	54	23 JAN 76	22 FEB 76	13.1	FM
"	55	23 JAN 76	22 FEB 76	14.6	FM

PRELIMINARY DATA
Subject to further revision.

LEVEL OF COMPLETION
1st QC
Entry errors corr'd
✓ Calibrated
Final Calibration
Final QC

Thermo-Luminescent Dosimetry Record

White River Shale Project

SITE #	TLD #	DATE INSTALLED	DATE REMOVED	DOSE(mR)	INITIALS
8	20	22 JAN 76	21 FEB 76	6.6	FM
"	23	22 JAN 76	21 FEB 76	5.6	FM
"	56	22 JAN 76	21 FEB 76	6.1	FM
9	39	23 JAN 76	22 FEB 76	10.2	FM
"	53	23 JAN 76	22 FEB 76	12.4	FM
"	56	23 JAN 76	22 FEB 76	12.2	FM
10	1	23 JAN 76	22 FEB 76	10.2	FM
"	11	23 JAN 76	22 FEB 76	9.3	FM
"	37	23 JAN 76	22 FEB 76	10.3	FM
11	24	22 JAN 76	21 FEB 76	9.0	FM
"	31	22 JAN 76	21 FEB 76	10.0	FM
"	46	22 JAN 76	21 FEB 76	9.5	FM
12	9	22 JAN 76	21 FEB 76	7.3	FM
"	12	22 JAN 76	21 FEB 76	7.3	FM
"	32	22 JAN 76	21 FEB 76	7.9	FM

CUSTOMER Aerovironment, Inc.

SOUTHEASTERN FACILITY

ATTENTION Michael Chan

ADDRESS 145 Vista Avenue

CITY Pasadena, California 91107

ACK. NO. 3199

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D
Air Particulates for Ge-Li	45327	11-21-75

Sample Type-A.P.
Sample Volume-720 M^3
Sample I.D.-WRU-339
Sample Number-A6

Date Control-November 21, 1975
Time Control-1310
Minutes Counted-100
Date Collected-November 2, 1975

Isotope	pCi/M^3
K-40	1.6 ± 1.1 E-01
Cs-137	5.8 ± 5.6 E-03
Tl-208	Less than 1.3 E-02
Be-7	8.6 ± 6.6 E-02
Pb-212	Less than 3.2 E-02
Co-57	Less than 7.9 E-03

Gross Alpha - 0.0 ± 2.6 E-03
Gross Beta - 0.0 ± 1.3 E-02

EBERLINE INSTRUMENT CORPORATION
312 MIAMI ST.
WEST COLUMBIA, S.C. 29169
(803) 796-3604

HOW REPORTED:

PAGE 1 OF 1 PAGES

BY Ernest J. Lang DATE 11-24-75

Ernest J. Lang, Supervisor

CUSTOMER Aerovironment, Inc.

SOUTHEASTERN FACILITY

ATTENTION Michael Chan

ADDRESS 145 Vista Avenue

CITY Pasadena, California 91107

ACK. NO. 3199

REPORT OF ANALYSIS

TYPE OF ANALYSIS	CUSTOMER ORDER NO.	SAMPLES REC'D
Air Particulates for Ge-Li	45327	11-21-75

Sample Type-A.P.
Sample Volume-761 M^3
Sample I.D.-WRU-342
Sample Number-A2

Date Control-November 22, 1975
Time Control-1507
Minutes Counted-100
Date Collected-November 2, 1975

Isotope	pCi/M^3
K-40	Less than 1.3 E-01
Cs-137	5.7 ± 4.6 E-03
Pb-214	Less than 3.7 E-02
Pb-212	Less than 3.0 E-02
Be-7	2.0 ± 0.7 E-01

Gross Alpha - 0.0 ± 2.4 E-03
Gross Beta - 2.7 ± 1.3 E-02

EBERLINE INSTRUMENT CORPORATION
312 MIAMI ST.
WEST COLUMBIA, S.C. 29169
(803)796-3604

HOW REPORTED:

PAGE 1 OF 1 PAGES

BY Ernest J. Lang DATE 11-24-75

Ernest J. Lang, Supervisor

RADIATION
(MICRO R/HR.)

WHITE RIVER SHALE PROJECT,UTAH

NOVEMBER,1975

AEROVIRONMENT INC.

```
**********************
*                    *
*  PRELIMINARY DATA  *
*  AS OF 13 APR 76   *
*                    *
**********************
*                    *
*     SUBJECT TO     *
*      REVISION      *
*                    *
**********************
```

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
2	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
3	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
4	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
5	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
6	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
7	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
8	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
9	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
10	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
11	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
12	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
13	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
14	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
15	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
16	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
17	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
18	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
19	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
20	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
21	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
22	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
23	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
24	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
25	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
26	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
27	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
28	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
29	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
30	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[DR]	[ ]	[ ]
31	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
AV	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
SD	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]

RADIATION
(MICRO R/HR.)

WHITE RIVER SHALE PROJECT, UTAH

DECEMBER, 1975

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
2	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
3	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
4	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
5	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
6	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
7	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
8	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[ ]	[ ]
9	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	A1→ 17.0	17.0	16.5	16.0	16.0	16.5	16.0	16.0	16.0	16.0	16.5	16.0	16.5	16.5	16.5	[ ]	[ ]	[ ]
10	16.0	16.5	16.5	16.5	16.5	17.0	16.5	16.5	16.0	16.0	15.5	15.5	16.0	15.5	15.5	15.5	16.0	15.5	15.5	15.5	15.5	16.0	16.0	16.0	[ ]	[ ]
11	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	15.5	16.0	15.5	15.5	15.5	15.5	15.5	15.5	16.0	15.5	16.0	16.0	16.0	16.0	16.0	[ ]	[ ]
12	16.0	16.0	16.0	16.0	16.5	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	15.5	15.5	15.5	15.0	15.0	15.0	15.5	15.5	15.5	15.5	15.5	[ ]	[ ]
13	15.5	15.5	15.5	16.0	16.0	16.0	16.0	16.5	16.0	16.0	15.0	14.5	15.0	16.0	15.0	15.5	15.5	15.5	16.0	15.5	16.0	16.0	16.0	16.5	[ ]	[ ]
14	16.5	16.0	16.0	16.0	15.5	16.0	16.5	16.5	16.0	14.5	14.0	14.0	13.5	13.5	13.0	13.0	13.5	14.0	14.0	14.5	14.5	15.0	15.0	15.0	[ ]	[ ]
15	15.5	15.5	15.0	15.5	15.5	15.5	16.0	15.5	15.5	15.5	A9→	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
18	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
19	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
20	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
21	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	A2→	20.0	19.0	19.0	19.0	20.0	20.0	20.0	20.0	20.0	20.0	21.0	21.0	[ ]	[ ]
22	20.0	20.0	21.0	21.0	20.0	20.0	22.0	21.0	20.0	20.0	20.0	20.0	20.0	19.0	19.0	20.0	20.0	19.0	19.5	20.0	20.0	20.0	19.0	19.0	[ ]	[ ]
23	21.0	20.0	20.0	20.0	20.0	21.0	20.0	20.0	20.0	20.0	20.0	20.0	19.0	19.0	20.0	20.0	19.0	19.0	19.0	20.0	20.0	20.0	20.0	20.0	[ ]	[ ]
24	21.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.0	19.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	[ ]	[ ]
25	19.5	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.0	19.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	[ ]	[ ]
26	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	21.0	21.0	20.0	20.0	20.0	20.0	20.0	20.0	19.0	19.0	19.5	20.0	20.0	18.0	19.5	20.0	[ ]	[ ]
27	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.0	19.0	17.5	[ ]	A4→	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	[ ]	[ ]
28	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.0	19.0	20.0	20.0	19.0	20.0	20.0	20.0	20.0	20.0	20.0	[ ]	[ ]
29	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	[ ]	[ ]
30	20.0	20.0	21.0	21.0	20.0	20.0	20.0	20.0	22.0	22.0	20.0	20.0	20.0	20.0	21.0	20.0	20.0	20.0	22.0	22.0	22.0	20.0	20.0	21.0	[ ]	[ ]
31	22.0	22.0	22.0	20.0	20.0	21.0	22.0	21.0	20.0	20.0	20.0	21.0	21.0	20.0	20.0	20.0	20.0	21.0	21.0	20.0	20.0	20.0	20.0	20.0	[ ]	[ ]

RADIATION
(MICRO R/HR.)

WHITE RIVER SHALE PROJECT,UTAH

JANUARY,1976

AEROVIRONMENT INC.

****
* PRELIMINARY DATA *
* AS OF 13 APR 76 *
****
* SUBJECT TO *
* REVISION *
****

CLOCK HOUR [LOCAL STANDARD TIME]

DATE	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	A4 20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.0	19.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	[ ]	[ ]
2	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
3	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]
4	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	A11→	18.0	18.0	19.5	20.0	20.0	18.5	19.0	20.0	20.0	18.0	18.0	20.0	20.0	18.0	19.0	[ ]	[ ]
5	20.0	20.0	17.0	17.0	19.0	19.5	16.5	16.0	17.0	19.0	19.0	18.5	18.0	19.0	20.0	20.0	20.0	18.0	18.5	19.0	18.0	16.0	16.0	16.0	[ ]	[ ]
6	16.0	15.0	15.0	15.0	16.0	17.5	19.0	18.0	18.0	18.0	17.0	20.0	18.0	18.0	18.5	19.5	19.0	18.0	17.5	18.0	18.5	19.0	18.0	17.5	[ ]	[ ]
7	16.0	16.5	15.0	12.5	12.0	13.0	15.0	15.0	16.0	16.0	18.0	20.0	20.0	20.0	17.5	17.5	18.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	[ ]	[ ]
8	20.0	20.5	20.5	20.0	20.0	20.0	20.0	20.0	21.0	21.0	21.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	[IM]	[IM]	[IM]	[ ]	[ ]
9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	A6→	15.5	14.5	14.0	14.5	14.5	14.0	14.0	14.5	14.5	14.5	14.5	14.5	[ ]	[ ]
11	14.5	14.5	14.5	15.0	15.5	15.5	15.5	15.5	15.5	15.5	15.0	15.5	15.0	14.5	14.0	14.5	14.5	14.5	14.5	14.5	14.5	15.0	15.0	15.0	[ ]	[ ]
12	15.0	15.0	14.5	14.5	15.0	15.0	15.5	15.5	15.5	15.5	15.0	15.0	14.5	14.5	15.5	15.0	14.5	14.5	14.0	13.5	14.0	14.0	14.0	14.0	[ ]	[ ]
13	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.5	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.5	14.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
14	[IM]	[IM]	[IM]	[IM]	13.5	10.0	10.0	10.0	10.5	10.5	10.5	10.0	10.0	9.5	9.5	9.5	9.5	9.5	9.5	9.5	10.0	10.0	10.0	10.0	[ ]	[ ]
15	10.5	10.5	10.0	11.0	11.0	11.0	11.5	11.0	11.0	11.0	11.0	10.0	10.0	10.0	10.0	9.5	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
16	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
17	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	A8→	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
18	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
19	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
22	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[ ]	[ ]
23	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	A7→	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	[ ]	[ ]
24	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.0	19.0	19.5	19.5	19.0	18.5	18.0	18.0	18.5	18.0	18.5	[ ]	[ ]
25	18.0	18.0	18.0	18.0	18.0	19.0	20.0	20.0	19.0	19.0	17.5	18.0	17.0	16.5	17.0	17.0	17.0	17.5	17.5	18.0	18.0	17.5	19.0	19.0	[ ]	[ ]
26	18.5	18.0	18.0	19.0	20.0	18.0	18.0	18.0	19.0	19.0	17.5	17.5	17.0	17.0	17.0	17.0	17.0	17.0	17.5	19.5	19.5	18.5	18.5	18.0	[ ]	[ ]
27	19.0	19.5	19.0	19.0	19.0	20.0	20.0	20.0	20.0	18.0	17.5	17.5	17.0	17.0	16.5	17.0	16.5	17.0	20.0	20.0	20.0	20.0	18.5	19.0	[ ]	[ ]
28	20.0	20.0	20.0	20.0	19.5	20.0	20.0	20.0	20.0	19.0	19.0	17.5	17.0	17.0	17.0	16.5	16.5	17.0	16.5	17.5	20.0	18.0	19.5	19.0	[ ]	[ ]
29	18.0	18.0	19.0	19.5	20.0	20.0	19.0	19.0	19.0	20.0	20.0	20.0	19.0	17.5	A3→	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
30	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]
31	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[ ]	[ ]

White River Shale Project

Sound Level Survey

Date	Location	Time	dB(A)	Weather	Main Sound Source and Comments
14 JAN 76	A2, About 100 yds Southwest of Trlr	0915	24 dbA	wind Calm	Ground Snow Covered
14 JAN 76	A7, 100 yds west of Trlr	1320	26 dbA	wind Calm	Ground Snow Covered
16 JAN 76	A4, 100 yds South of Trlr	1005	31 dbA	1 mph wind	Ground Snow Covered
16 JAN 76	A6, 250 yds North East of Trlr	1110	29 dbA	wind Calm	Ground Snow Covered
19 JAN 76	A4, 100 yds South of Trlr	0920	25 dbA	wind Calm	Ground Snow Covered
19 JAN 76	A11 100 yds North of Pole	1005	24 dbA	wind Calm	Ground Snow Covered
19 JAN 76	A6 300 yds west of Trlr	1455	25 dbA	wind Calm	Ground Snow Covered
20 JAN 76	A2 100 yds South-west of Trlr	0930	~~[illegible]~~ 25 dbA	wind Calm	Ground Snow Covered
20 JAN 76	A9 - Beside Tele-phone Pole	1310	27 dbA	wind about 1 mph	Ground Snow Covered
20 JAN 76	A4 100 yds South of Trlr	1455	31 dbA	wind Calm	Ground Snow Covered 2 Aircraft In distance
22 JAN 76	A12 100 yds South of Pole	0935	31 dbA	wind 2-3 mph	Ground Snow Covered
22 JAN 76	A8 100 yds west of Trlr	1025	29 dbA	wind About 1 mph	Ground Snow Covered
22 JAN 76	A5 100 yds South of Trlr	1155	32 dbA	wind Calm	Generator Noise Ground Snow Covered

Initials JPM

White River Shale Project

Sound Level Survey

Date	Location	Time	dB(A)	Weather	Main Sound Source and Comments
23 Jan 76	A1, 100 ft North of trailer	1320	26	calm	Ground snow covered
23 Jan 76	A10, 75 ft north of pole.	1445	29	Wind 2-3 mph	Ground snow covered
23 Jan 76	A3, 100 ft. north of trailer	1614	25	calm	Ground snow covered

Initials [illegible]

IV. BIOLOGY

A. TERRESTRIAL VERTEBRATES - FLUSHING TRANSECT SAMPLING

tions on or within 1.6 km (1 mile) of Utah Oil Shale Tracts, December, 1975. X - bird observed
G - greasewood, J - juniper, S - shadscale, R - riparian

BIRD (ORDER/SPECIES)	December 1975 VEGETATION TYPE			
	G	J	S	R
Anseriformes				
Mallard	–	–	–	X
Falconiformes				
Golden Eagle	X	–	X	X
Bald Eagle	–	X	X	X
Marsh Hawk	X	–	X	–
Cooper's Hawk	X	X	–	–
Strigiformes				
Long-eared Owl	–	–	–	X
Great-horned Owl	–	–	–	X
Piciformes				
Downy Woodpecker	–	–	–	X
Common Flicker	–	–	–	X
Passeriformes				
Horned Lark	–	X	X	X
Black-billed Magpie	X	X	X	X
Common Crow	?	–	?	–
Common Raven	X	–	X	X
Piñon Jay	X	X	–	–
Plain Titmouse	–	–	–	X
Black-capped Chickadee	–	–	–	X
Common Bushtit	X	–	–	X
Cañon Wren	–	–	–	X
Mountain Bluebird	X	–	–	–
Loggerhead Shrike	–	X	–	X
Gray-crowned Rosy Finch	X	X	X	X
Black Rosy Finch	X	X	X	X
Pine Siskin	–	X	–	X
Chipping Sparrow	–	–	–	X
Dark-eyed Junco	–	X	–	X
Rufous-sided Towhee	–	–	–	X

tions on or within 1.6km (1 mile) of Utah Oil Shale Tracts, December, 1975. X - mammal observed. G - Greasewood, J - juniper, S - shadscale, R - riparian

MAMMAL (ORDER/SPECIES)	December 1975 Vegetation Type			
	G	J	S	R
Carnivora				
Weasel (Unidentified species)	-	X	-	-
Rodentia				
Whitetail Antelope Squirrel	X	X	X	-
Golden Mantle Squirrel	X	-	-	-
Beaver	-	-	-	X
Porcupine	-	-	-	X
Lagamorpha				
Desert Cottontail	X	X	X	X
Artiodactyla				
Mule Deer	X	X	X	X
Domestic Sheep	X	X	X	-

Table 3 (See Title on right)

SAMPLING SITE	BIRD (SPECIES)	DISTANCE (m) 0-5	6-10	11-15	16-20	21-25	26-30	31-40	41-50	51-75	76-100	>100	NO. SAMPLES	DENSITY Number Per sq.	Per HA
PG	Black-billed Magpie									1			1	1	
	Common Raven	9											1	9	
	Common Bushtit			4		10							2	14	
	Rosy Finch (Gray-crowned and Black)	20											1	20	
	Unidentified, Passeriformes	1											1	1	
SG	Common Raven											1	1	1	
OG	NONE														
PJ	Golden Eagle							1	2		1		4	4	
	Black-billed Magpie	1					1	7					4	9	
	Common Raven										1		1	1	
	Unidentified, Passeriformes	1											1	1	
SJ	NONE														
OJ	Piñon Jay	30								3		12	3	45	
	Plain Titmouse	1											1	1	
	Rosy Finch (Gray-crowned and Black)			25									1	25	
	Pine Siskin			8									1	8	
	Unidentified, Passeriformes	1											1	1	
PS	Golden Eagle	1											1	1	
	Horned Lark			4									1	4	
	Common Raven	1											1	1	
SS	Black-billed Magpie					1		1					2	2	

Table ... Bird numbers and distance from transect line on sampling sites during December, 1975, sampling period.

PG = primary greasewood
SG = secondary greasewood
OG = off-tract greasewood
PJ = primary juniper
SJ = secondary juniper
OJ = off-tract juniper
PS = primary shadscale
SS = secondary shadscale
OS = off-tract shadscale
PR = primary riparian
OR = off-tract riparian
RG = riparian-greasewood

Table 3 cont.

SAMPLING SITE	BIRD (SPECIES)	DISTANCE (m) 0-5	6-10	11-15	16-20	21-25	26-30	31-40	41-50	51-75	76-100	>100	NO. SAMPLES	DENSITY Number Observed	Per HA
OS	Horned Lark	15											1	15	
	Unidentified, Passeriformes	1											1	1	
PR	Long-eared Owl							1					1	1	
	Great-horned Owl						1						1	1	
	Downy Woodpecker			1	1	1		2					5	5	
	Common Flicker							1					1	1	
	Black-billed Magpie					1							1	1	
	Black-capped Chickadee		3		1	2							2	6	
	Dark-eyed Junco	1	1										2	2	
	Unidentified, Aves				1								1	1	
OR	Golden Eagle											1	1	1	
	Bald Eagle											1	1	1	
	Downy Woodpecker	2			1			1	1				4	5	
	Black-capped Chickadee	2					1	1					3	4	
	Common Bushtit	13											1	13	
	Dark-eyed Junco				21								2	21	
	Unidentified, Piciformes								1				1	1	
	Unidentified, Passeriformes						1						1	1	
RG	Common Bushtit		8										1	8	
	Pine Siskin	6											2	6	
	Chipping Sparrow	7		3									4	10	
	Dark-eyed Junco	58	3		7	11	6						10	85	
	Rufous-sided Towhee		1			1							2	2	
	Unidentified, Accipitrinae								1				1	1	

Page 1

Table 4 (see Title on right)

SAMPLING SITE	MAMMAL (SPECIES)	DISTANCE (m) 0-5	6-10	11-15	16-20	21-25	26-30	31-40	41-50	51-75	76-100	>100	NO. SAMPLES	DENSITY Number Discovered	DENSITY Number Per HA
PG	Desert Cottontail								1	1		1	3	3	
SG	Desert Cottontail	5		2	6			2	5	1			21	21	
	Domestic Sheep	34	5		88		72		99	12	11	8	17	388	
OG	Desert Cottontail	2		2		1	2		3	1			11	11	
PJ	Desert Cottontail	1	1	2	2	3	3	4	4	1	1		22	22	
	Mule Deer						3			7			10	10	
SJ	Desert Cottontail	1	2	1					1				5	5	
OJ	Desert Cottontail	1				1				1			3	3	
PS	Whitetail Antelope Squirrel				2								2	2	
	Desert Cottontail	1	1	4	2	1		1		1			11	11	
	Unidentified, Sciuridae										1		1	1	
SS	Desert Cottontail		1										1	1	
OS	NONE														
PR	Beaver	1										1	2	2	
	Porcupine		4	1									5	5	
	Mule Deer											1	1	1	

TABLE ___. Mammal numbers and distance from transect line on sampling sites during December, 1975, sampling period.

PG = primary greasewood
SG = secondary greasewood
OG = off-tract greasewood
PJ = primary juniper
SJ = secondary juniper
OJ = off-tract juniper
PS = primary shadscale
SS = secondary shadscale
OS = off-tract shadscale
PR = primary riparian
OR = off-tract riparian
RG = riparian greasewood

Page 2 | Table 4 cont.

SAMPLING SITE	MAMMAL (SPECIES)	DISTANCE (m) 0-5	6-10	11-15	16-20	21-25	26-30	31-40	41-50	51-75	76-100	>100	NO. SAMPLES	DENSITY Number observed	Per HA
OR	Beaver		2	1									3	3	
	Porcupine											5	5	5	
	Mule Deer				2								2	2	
RG	Desert Cottontail	1		1					1				3	3	

on or within 1.6 km (1 mile) of Utah Oil Shale Tracts, February, 1976. X - bird observed.
G - greasewood, J - juniper, S - shadscale, R - riparian

BIRD (ORDER/SPECIES)	February 1976 Vegetation Type			
	G	J	S	R
Anseriformes				
Common Merganser	-	-	-	X
Canada Goose	-	-	-	X
Falconiformes				
Goshawk	-	-	-	X
Sharp-shinned Hawk	-	-	X	-
Cooper's Hawk	X	X	?	X
Rough-legged Hawk	X	X	X	-
Golden Eagle	X	X	X	-
Bald Eagle	-	-	X	X
Marsh Hawk	X	-	X	-
Prairie Falcon	-	-	X	-
Strigiformes				
Long-eared Owl	-	-	?	X
Great-horned Owl	-	X	X	X
Piciformes				
Downy Woodpecker	-	-	-	X
Common Flicker	-	-	-	X
Passeriformes				
Horned Lark	X	X	X	-
Black-billed Magpie	X	X	X	X
Common Raven	X	X	X	X
Piñon Jay	X	X	-	-
Plain Titmouse	-	X	-	-
Black-capped Chickadee	-	-	-	X
Common Bushtit	-	X	-	-
Cañon Wren	-	X	-	-

BIRD (ORDER/SPECIES)	February 1976 Vegetation Type G	I	S	R
Loggerhead Shrike	X	-	X	X
Brewer's Blackbird	-	-	-	X
Gray-crowned Rosy Finch	X	X	X	X
Black Rosy Finch	X	X	X	X
Tree Sparrow	-	-	-	X
Dark-eyed Junco	-	X	-	X
Sage Sparrow	-	-	X	-

on or within 1.6 km (1 mile) of Utah Oil Shale Tracts, February, 1976. X - mammal observed
G - greasewood, J - juniper, S - shadscale, R - riparian

MAMMAL (ORDER/SPECIES)	February 1976 Vegetation Type G	J	S	R
Carnivora				
Coyote	-	X	-	X
Rodentia				
Whitetail Antelope Squirrel	X	-	X	-
Golden Mantle Squirrel	X	X	-	-
Beaver	-	-	-	X
Muskrat	-	-	-	X
Porcupine	-	-	-	X
Lagomorpha				
Desert Cottontail	X	X	X	X
Artiodactyla				
Mule Deer	-	-	X	X
Domestic Sheep	X	X	X	-

Table 7 (see title on right)

SAMPLING SITE	BIRD (SPECIES)	DISTANCE (m) 0-5	6-10	11-15	16-20	21-25	26-30	31-40	41-50	51-75	76-100	>100	NO. SAMPLES	DENSITY Number Observed	Per HA
PG	Cooper's Hawk						1						1	1	
	Golden Eagle											1	1	1	
	Black-billed Magpie				4					1	4		6	9	
	Common Raven											2	1	2	
	Horned Lark	1											1	1	
	Rosy Finch (Gray-crowned and Black)		105										1	105	
	Unidentified, Buteoninae											1	1	1	
SG	Golden Eagle	1											1	1	
OG	Horned Lark	15	2										3	17	
	Black-billed Magpie										1		1	1	
	Common Raven						6	1		5	1		4	13	
PJ	Golden Eagle	1											1	1	
	Black-billed Magpie									1			1	1	
	Common Raven											1	1	1	
SJ	NONE														
OJ	Golden Eagle	1											1	1	
	Black-billed Magpie							1		4			2	5	
	Common Raven	3										1	2	4	
	Plain Titmouse	4		1			1	2					7	8	
	Unidentified, Buteoninae											1	1	1	
PS	Prairie Falcon											1	1	1	
	Horned Lark	57		15	8								5	80	
	Loggerhead Shrike								2				2	2	

Table ____. Bird numbers and distances from transect line on sampling sites during February, 1976, sampling period.

PG = primary greasewood
SG = secondary greasewood
OG = off-tract greasewood
PJ = primary juniper
SJ = secondary juniper
OJ = off-tract juniper
PS = primary shadscale
SS = secondary shadscale
OS = off-tract shadscale
PR = primary riparian
OR = off-tract riparian
RG = riparian-greasewood

Table 7. cont.

SAMPLING SITE	BIRD (SPECIES)	DISTANCE (m) 0-5	6-10	11-15	16-20	21-25	26-30	31-40	41-50	51-75	76-100	>100	NO. SAMPLES	DENSITY Number observed	Per HA
SS	Horned Lark	44	8										4	52	
	Common Raven	1											1	1	
	Unidentified, Fringillidae									1			1	1	
OS	NONE														
OR	Canada Goose	11											1	11	
	Long-eared Owl	1											1	1	
	Downy Woodpecker	1		2									2	3	
	Common Flicker					1							1	1	
	Horned Lark	5											1	5	
	Common Raven	2											2	2	
OR	Common Merganser	1											1	1	
	Goshawk						1						1	1	
	Common Raven	1											1	1	
	Black-capped Chickadee	5	8										2	13	
	Rosy Finch (Gray-crowned and Black)	250											1	250	
	Dark-eyed Junco	38				3							3	41	
RG	Common Flicker						1						1	1	
	Brewer's Blackbird	32											1	32	
	Tree Sparrow	31	1	12				3					11	47	
	Dark-eyed Junco	61		65	12	1	9	27					16	175	

Page 1

Table 8. (See Title on right)

SAMPLING SITE	MAMMAL (SPECIES)	DISTANCE (m) 0-5	6-10	11-15	16-20	21-25	26-30	31-40	41-50	51-75	76-100	>100	NO. SAMPLES	DENSITY Number Observed	DENSITY Number Per HA
PG	Desert Cottontail		2		1	1				1			5	5	
	Domestic Sheep											21	1	21	
SG	Desert Cottontail	1	1			2			1	2			7	7	
	Domestic Sheep	50					6		25			400	7	541	
OG	Whitetail Antelope Squirrel					1	1		1	2			5	5	
	Golden Mantle Squirrel							1					1	1	
	Desert Cottontail	1	1				2		4	4			12	12	
	Domestic Sheep											30	1	30	
PI	Desert Cottontail	2			1								3	3	
	Domestic Sheep	25		50		4				2		1000	7	281	
SI	Desert Cottontail				1								1	1	
OI	NONE														
PS	Desert Cottontail				1	1	1		4				7	7	
SS	Desert Cottontail	2											2	2	
OS	Desert Cottontail	1									3		4	4	
PR	Beaver							1					1	1	
	Porcupine			2	1	1	1			1			6	6	
	Domestic Sheep											200	1	200	

Table ___. Mammal numbers and distance from transect line on sampling sites during February, 1976, sampling period.

PG = primary greasewood
SG = secondary greasewood
OG = off-tract greasewood
PI = primary juniper
SI = secondary juniper
OI = off-tract juniper
PS = primary shadscale
SS = secondary shadscale
OS = off-tract shadscale
PR = primary riparian
OR = off-tract riparian
RG = riparian-greasewood

Page 2 Table 8. cont.

SAMPLING SITE	MAMMAL (SPECIES)	DISTANCE (m) 0-5	6-10	11-15	16-20	21-25	26-30	31-40	41-50	51-75	76-100	>100	NO. SAMPLES	DENSITY Number observed	DENSITY Number per HA
OR	Beaver	1											1	1	
	Porcupine			1	1		1		2				5	5	
	Desert Cottontail								1				1	1	
FG	Desert Cottontail	2											2	2	

B. AQUATIC BIOLOGY

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CENTRAL LABORATORY, ATLANTA, GEORGIA

UNPUBLISHED RECORDS
SUBJECT TO REVISION

WATER QUALITY ANALYSIS
LAB ID # 350066 RECORD # 4124

SAMPLE LOCATION: EVACUATION CR NR MOUTH NR WATSON UT
STATION ID: 09306430 LAT.LONG.SEQ.: 395704 1090931 00
DATE OF COLLECTION: BEGIN--751128 END-- TIME--
COUNTY CODE: 047 PROJECT IDENTIFICATION:
DATA TYPE: 2 SOURCE: SURFACE WATER GEOLOGIC UNIT:
COMMENTS:
F-6

BIOMAS(PERI)ASH G/M2	4.3	BIOMASS PIGMNT RATIO	93
BIOMAS(PERI)DRY G/M2	4.5	CHLRPHYL(PER)A MG/M2	1.7
		CHLRPHYL(PER)B MG/M2	0.1

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CENTRAL LABORATORY, ATLANTA, GEORGIA

WATER QUALITY ANALYSIS
LAB ID # 350067 RECORD # 4126

SAMPLE LOCATION: WHITE RIVER NEAR WATSON UTAH
STATION ID: 09306500 LAT.LONG.SEQ.: 395846 1091041 00
DATE OF COLLECTION: BEGIN--751128 END-- TIME--
COUNTY CODE: 047 PROJECT IDENTIFICATION:
DATA TYPE: 2 SOURCE: SURFACE WATER GEOLOGIC UNIT:
COMMENTS:
F-3 (S-3)

BIOMAS(PERI)ASH G/M2	0.1	BIOMASS PIGMNT RATIO	1400
BIOMAS(PERI)DRY G/M2	0.4	CHLRPHYL(PER)A MG/M2	0.2
		CHLRPHYL(PER)B MG/M2	0.0

UNPUBLISHED RECORDS
SUBJECT TO REVISION

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CENTRAL LABORATORY, ATLANTA, GEORGIA

WATER QUALITY ANALYSIS
LAB ID # 350064 RECORD # 4120

UNPUBLISHED RECORDS
SUBJECT TO REVISION

SAMPLE LOCATION: NO INFORMATION IN STATION HEADER FILE
STATION ID: 09306600 LAT.LONG.SEQ.: 395715 1091528 00
DATE OF COLLECTION: BEGIN--751128 END-- TIME--
COUNTY CODE: 047 PROJECT IDENTIFICATION:
DATA TYPE: 2 SOURCE: SURFACE WATER GEOLOGIC UNIT:
COMMENTS:
F-4 (S-4)

BIOMAS(PERI)ASH G/M2	0.0	BIOMASS PIGMNT RATIO	0.0
BIOMAS(PERI)DRY G/M2	0.0	CHLRPHYL(PER)A MG/M2	0.0
		CHLRPHYL(PER)B MG/M2	0.0

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CENTRAL LABORATORY, ATLANTA, GEORGIA

WATER QUALITY ANALYSIS
LAB ID # 350065 RECORD # 4122

UNPUBLISHED RECORDS
SUBJECT TO REVISION

SAMPLE LOCATION: NO INFORMATION IN STATION HEADER FILE
STATION ID: 09306700 LAT.LONG.SEQ.: 395532 1091730 00
DATE OF COLLECTION: BEGIN--751128 END-- TIME--
COUNTY CODE: 047 PROJECT IDENTIFICATION:
DATA TYPE: 2 SOURCE: SURFACE WATER GEOLOGIC UNIT:
COMMENTS:
S-11

BIOMAS(PERI)ASH G/M2	24	BIOMASS PIGMNT RATIO	680
BIOMAS(PERI)DRY G/M2	24	CHLRPHYL(PER)A MG/M2	0.7
		CHLRPHYL(PER)B MG/M2	0.0

Screen Samples (Through opening in ice).

F-3 Jan 8-76

Empididae	II	2
Hydropsyche	IIII	4
Rhithrogena	II	2
Isogenoides	IIIIIII	7
Oemopteryx	IIIIII	6
		21

Sample 2 F-3 Jan 8, 76

Oemopteryx fosketti	9
Isogenoides frontalis	4
Hydropsyche sp	13
Rhithrogena undulata	5
Empididae	1
Heptagenia elegantula	1
	38

F-3 Periphyton sample strip
Deployed Nov. 3, removed Nov. 30, '75
Analyzed June 1, '75.
64.5 cm² strip - cells dispersed in
197 ml FAA.

Cell #1

Strip (50mm²)	Count
1	146
2	230
3	110
4	76
	562 / 4 $\bar{x}$ = ~~153~~ 140.6

Cell #2

Strip (50mm²)	Count
1	131
2	98
3	211
4	173
	613 / 4 $\bar{x}$ = ~~153~~ 153.3

Cell 3

Strip	Counts
1	~~[illegible]~~ 281
2	~~[illegible]~~ 112
3	199
4	101
	~~[illegible]~~ 693 / 4 $\bar{x}$ = 173.3

$\Sigma \bar{x}$ = 155.7

F-3 (cont) $E = 5$

$\Sigma \bar{x}_3 = 155.7$ $156 \times 5 = 780$ cells/ml

780 cells/ml X 197 ml/64.5 cm^2 = 2382 cells/cm^2

cells : Pigment = $\frac{2382}{0.2}$ = 11,910

Dominant genera

Tabellaria (flocculosa?)
Navicula sp
Fragillaria sp
Gomphonema dichotomum
Pleurosigma sp
Cymbella

S-11 Periphyton Sample Strip
Deployed 11/3/75 Removed 11/28/75
Counted 1/7/76
64.5 cm² strip dispersed in 212 ml

Cell #1 Strip (50mm²)	Count
1	416
2	1250
3 (12.5mm² x 4)	2708
4 " " "	1748
	6122

Cell 2 Strip	
1	469
2	720
3	668
4	609
	2466

Cell 3 Strip	
1	844
2	916
3	1012
4	798
	3570

6122
2466
3570
12158 ÷ 405
3

E = 5

4053 X 5 = 20265 cells/ml X 212 ml / 64.5 cm²

= 66,607 cells/cm²

cells : Pigment = 66,607 / 0.7 = 95,153

F-6 Periphyton Sample strip
(E vac. Creek.
Deployed Nov 4, Removed Nov 28, 75
64.5 cm² dispersed in 196 ml

Cell 1
Strip

1	(10 mm²)	535
2		1548
3		1325
4		775
		4183

$E = 25 \left(\frac{1000}{40}\right)$

$4183 \times 25 = \cancel{}\ 104{,}575$ cells ml $\times$ 196 ml / 64.5 cm²

$= 317{,}778$ cells / cm²

cells : Pigment $= \frac{317778}{\cancel{176543}\ 1.8} = 176543$

Genera

Amphiprora paludosa common
Cymbella (lanceolata?) abundant
Navicul cryptocephala abundant
Navicula } spp common
Cymbella }
Diatomella sp. Infrequent
Cylindrotheca gracilis abundant
Merismopedia Infrequent
Anabena Rare

C. MICROBIOLOGY

Table 1*

RESPIRATION

μmoles CO_2/g/min

Sample	12 Sept. 1975	13 Oct. 1975	6 Nov. 1975
39-1	12.75	8.69	38.92
39-2	11.64	1.92	22.26
39-3	10.43	--	18.96
50J-I-1	21.80	12.94	31.06
50J-I-2	--	--	--
50J-L	80.54	--	--
50J-C-1	39.31	13.93	14.70
50J-C-2	--	26.14	24.88
55R-1	8.38	13.09	--
55R-2	11.24	2.51	23.10
55R-3	3.87	--	4.75
58I-1	2.84	--	2.66
58I-2	5.21	--	1.41
58I-3	5.24	--	19.76
58C-1	9.06	--	20.35
58C-2	2.95	--	0.704
58C-3	5.24	--	50.42
58-L	--	--	--

*This table is a substitution of Table 7, Fifth Quarterly Report, September 1, 1975 - December 1, 1975.

TABLE 5 - CONDITION 1

```
BEGINNING EXECUTION OF MDCR
  2  2  0  1  0  0  0  0  0  0  0
(10X,F0.3,F0.2)

LISTING OF DESIRED TRANSFORMED VARIABLES
THERE ARE   [illegible] OBSN OF  2 VAR ON LU  13

MEANS AND S.D.
   1    .1[illegible]E+00    .23128[illegible]E+00
   2    .2[illegible]E+02    .1[illegible]E+02

CORRECTED SS AND SP
   1    .2[illegible]E+01    .59615[illegible]E+02
   2    .1[illegible]E+03

CORRELATION MATRIX
   1  1.[illegible]
   2  1.[illegible]

BEGINNING EXECUTION OF SMRR
  1  1  0  0  0  0  0  0  0  0  0  0
   1   2

REGRESSION ANALYSIS OF VARIABLE  2

SOURCE    DF    MEAN SQUARE      F RATIO          VAR    COEFFICIENT    ST. COEF.          AVE
TOTAL     54    341.2397                          B( 0)   20.1[illegible]                  23.[illegible]73
VAR  1     1    1230.313        3.791[illegible]  B( 1)   20.63739       0.2583933        0.1[illegible]4182
MODEL     [illegible]1    1[illegible].313        RSQ=    .667[illegible]E-01   .06
ERROR     53    324.4647        DET=    2.8[illegible]723
```

BEST FIT LINE $y = 20.107 + 20.637x$

TABLE 6 - CONDITION 2

```
BEGINNING EXECUTION OF MDCR
  2  2  0  1  0  0  0  0  0  0  0
(10X,F5.3,F5.2)

LISTING OF DEFINED TRANSFORMED VARIABLES
THERE ARE   15 OBSN OF  2 VAR ON LU  13

MEANS AND S.D.
   1  .0.9700000E-01    .1061559E+00
   2   .7743125E+01    .9753351E+01

CORRECTED SS AND SP
   1   .1[illegible]E+0[illegible]    .4395250E+01
   2   .1426915E+04

CORRELATION MATRIX
   1  1.0000  0.2[illegible]
   2  1.0000

BEGINNING EXECUTION OF [illegible]
   1  [illegible]
   1  [illegible]

REGRESSION ANALYSIS OF VARIABLE   2

SOURCE    DF    MEAN SQUARE      F RATIO          I      COEFFICIENT     ST. COEF.        AVE
TOTAL     15    [illegible]                       S( 0)   5.221945                        7.743125
VAR  1     1    114.2[illegible]47    1.21[illegible]913   S( 1)   26.00186      0.2430052        .9700000E-01
MODEL      1    114.2[illegible]47    RSQ=   .[illegible]E-01
ERROR     14    93.[illegible]      DET=  0.15[illegible]
```

.08.

BEST FIT LINE $y = 5.221 + 26.002x$

TABLE 7 - CONDITION 3

BEGINNING EXECUTION OF [illegible]
2 2 0 1 0 [illegible]
(10X,[illegible])

LISTING [illegible] TRANSFORMED VARIABLES
[illegible]

[illegible]
1 [illegible] [illegible]
2 [illegible] [illegible]

CORRECTED [illegible]
1 [illegible] [illegible]
2 [illegible]

CORRELATION MATRIX
1 1.[illegible] [illegible]
2 1.[illegible]

BEST FIT LINE $y = 11.48 + 25.7x$

BEGINNING EXECUTION OF [illegible]
1 1 0 [illegible]
1 2

REGRESSION ANALYSIS OF VARIABLE [illegible]

SOURCE	DF	MEAN SQUARE	F RATIO	VAR	COEFFICIENT	ST. COEF.	AVE
TOTAL	14	[illegible]		B(0)	11.40451		23.59267
VAR 1	1	1518.974	4.714322	B(1)	25.704317	0.5158784	0.4706667
MODEL	1	1518.974	RSQ= 0.2661306				
ERROR	13	322.204	DEI= 2.2[illegible]				

TABLE 8.
CONDITION 1

REGRESSION ANALYSIS TREATMENT 1

CORRELATION MATRIX FOR TREATMENT 1

3	1.0000	-0.1561	-0.4170
1	1.0000	0.2594	
2	1.0000		

INVERSE MATRIX FOR TREATMENT 1

3	.9454016E+04

COEFFICIENTS

3	1	-.2563253E-02
3	2	-.5513177E+00

VARIABLE 1

SOURCE	DF	SS	MS	F
TOT	54	.2898723E+01		
REG	1	.7036255E-01	.7036255E-01	.1323166E+01
ERR	53	.2518361E+01	.5317062E-01	

VARIABLE 2

SOURCE	DF	SS	MS	F
TOT	54	.1642694E+05		
REG	1	.3204878E+04	.3204878E+04	.1115871E+02
ERR	53	.1522206E+05	.2872076E+03	

TABLE 9.

CONDITION 2

REGRESSION ANALYSIS TREATMENT 2

CORRELATION MATRIX FOR TREATMENT 2

3	1.0000	-0.4158	-0.0317
1	1.0000	0.2830	
2	1.0000		

INVERSE MATRIX FOR TREATMENT 2

3	.1970728E+04

COEFFICIENTS

3	1	-.7553994E-03
3	2	-.5323403E-02

VARIABLE 1

SOURCE	DF	SS	MS	F
TOT	15	.1090360E+03		
REG	1	.2923146E-01	.2923146E-01	.2927232E+01
ERR	14	.1396045E+03	.9966[illegible]E-02	

VARIABLE 2

SOURCE	DF	SS	MS	F
TOT	15	.1428918E+04		
REG	1	.1437580E+01	.1437580E+01	.1412277E-01
ERR	14	.1425450E+04	.1018200E+03	

TABLE 10.
CONDITION 3

```
REGRESSION ANALYSIS TREATMENT    3

CORRELATION MATRIX FOR TREATMENT    3
    3  1.0000  0.3150  0.2346
    1  1.0000  0.5159
    2  1.0000

INVERSE MATRIX FOR TREATMENT    3
    3    .4371235E-03

COEFFICIENTS
    3    1    .1001631E-02
    3    2    .3705443E-01

VARIABLE    1

 SOURCE    DF          SS                  MS                  F
    TOT      14     .2298997E+01
    REG       1     .2295154E+00      .2295154E+00      .1441762E+01
    ERR      13     .2069482E+01      .1591909E+00
                                                          ^

VARIABLE    2

 SOURCE    DF          SS                  MS                  F
    TOT      14     .5707626E+04
    REG       1     .3141064E+03      .3141064E+03      .7570906E+00
    ERR      13     .5393520E+04      .4148861E+03
```

TABLE 11.

D

ANALYSIS OF VARIANCE, VARIABLE 1

SOURCE	DF	SS	MS	F
TOT	85	.6625773E+01		
TRT	2	.1269017E+01	.6345084E+00	.9831358E+01
ERR	83	.5356757E+01	.6453924E-01	

TRT	TRT MEANS	SE
1	.1804182E+00	.3425552E-01
2	.9700000E-01	.6351143E-01
3	.4706667E+00	.6559433E-01

EXP MEAN .21552326E+00 C.V. .117[illegible]E+01

ADJUSTED ANALYSIS, VAR 1

SOURCE	DF	MS	ADJ F
TRT	2	.1913641E+00	.2[illegible]E+01
REG	1	.9203892E-01	.1433541E+01
ERR	82	.6420388E-01	

COEF OF DET .1718184E-01 C.V. .1175673E+01

ADJUSTED MEANS

1	.2211410E+00
2	.9836218E-01
3	.3326906E+00

R

ANALYSIS OF VARIANCE, VARIABLE 2

SOURCE	DF	SS	MS	F
TOT	85	.2891054E+05		
TRT	2	.3349050E+04	.1674525E+04	.5437303E+01
ERR	83	.2556149E+05	.3079697E+03	

TRT	TRT MEANS	SE
1	.2383073E+02	.2366316E+01
2	.7743125E+01	.4367266E+01
3	.2358267E+02	.4531149E+01

EXP MEAN .20794419E+02 C.V. .8439[illegible]E+00 $\bar{X}$

R

ADJUSTED ANALYSIS, VAR 2

SOURCE	DF	MS	ADJ F
TRT	2	.1[illegible]E+04	.5[illegible]E+01
REG	1	.197[illegible]E+02	.6341[illegible]E-01
ERR	82	.3[illegible]E+03	

COEF OF DET .7727[illegible]E-03 C.V. .5[illegible]E+00

ADJUSTED MEANS

1	.244273[illegible]E+02
2	.7587[illegible]E+01
3	[illegible]

TABLE 12 - CONDITION 1

```
BEGINNING EXECUTION OF MDCR
  3  3  0  1 15  0  0  0  0  0  0
(10X,F5.3,2F5.2)

LISTING OF DESIRED TRANSFORMED VARIABLES
THERE ARE   29 OBSN OF   3 VAR ON LU  13

MEANS AND S.D.
DENYD. 1   .1087931E+00   .1326398E+00
RESP.  2   .1667207E+02   .1287020E+02
ATP    3   .4096552E+02   .2168851E+02

CORRECTED SS AND SP
   1   .4926128E+00   .9700524E+00   .2223079E+02
   2   .4637979E+04  -.1505108E+04
   3   .1317097E+05

CORRELATION MATRIX
   1  1.0000  0.0203  0.2760
   2  1.0000 -0.1926
   3  1.0000

BEGINNING EXECUTION OF SMRR
  1  2  0 0 0 0 0 0  0  0  0  0  0  0
   3   1   2

REGRESSION ANALYSIS OF VARIABLE   1

SOURCE    DF    MEAN SQUARE      F RATIO          VAR     COEFFICIENT     ST.  COEF.          AVE
TOTAL     28    .1759331E-01                       B( 0)   .3964890E-01                     0.1087931
VAR  3     1    .3752255E-01    2.226171 √         B( 3)   .1687864E-02  0.2759900          40.96552
MODEL      1    .3752255E-01    RSQ=    .7617047E-01
ERROR     27    .1685519E-01    DET=    13170.97
```

$y = 0.0396 + 0.0017x$

```
REGRESSION ANALYSIS OF VARIABLE   2

SOURCE    DF    MEAN SQUARE      F RATIO          VAR     COEFFICIENT     ST.  COEF.          AVE
TOTAL     28    165.5421                           B( 0)   21.35339                         16.67207
VAR  3     1    171.9957        1.039835           B( 3) -0.1142747      -0.1925726         40.96552
MODEL      1    171.9957        RSQ=    .3708420E-01
ERROR     27    165.4068        DET=    13170.97
```

$y = 21.3534 + (-0.1143)x$

TABLE 13- CONDITION 2

```
BEGINNING EXECUTION OF MDCR
  3  3  0  1 15  0  0  0  0  0  0
(10X,F5.3,2F5.2)

LISTING OF DESIRED TRANSFORMED VARIABLES
THERE ARE   13 OBSN OF   3 VAR ON LU  13

MEANS AND S.D.
   1   .9269231E-01   .1152739E+00
   2   .7637692E+01   .1089682E+02
   3   .1653846E+02   .1078197E+02

CORRECTED SS AND SP
   1   .1594568E+00   .4464561E+01  -.1742846E+01
   2   .1424887E+04   .6542962E+03
   3   .1395011E+04

CORRELATION MATRIX
   1  1.0000  0.2962 -0.1169
   2  1.0000  0.4641
   3  1.0000

BEGINNING EXECUTION OF SMRR
  1  2  0 0 0 0 0 0  0  0  0  0  0  0
   3   1   2

REGRESSION ANALYSIS OF VARIABLE   1

SOURCE    DF    MEAN SQUARE      F RATIO          VAR     COEFFICIENT     ST.  COEF.          AVE
TOTAL     12    .1328806E-01                       B( 0)  0.1133545                        .9269231E-01
VAR  3     1    .2177412E-02   0.1522865           B( 3)  -.1249342E-02  -0.1168554        16.53846
MODEL      1    .2177412E-02    RSQ=    .1365518E-01
ERROR     11    .1429812E-01    DET=    1395.011

REGRESSION ANALYSIS OF VARIABLE   2

SOURCE    DF    MEAN SQUARE      F RATIO          VAR     COEFFICIENT     ST.  COEF.          AVE
TOTAL     12    118.7406                           B( 0) -0.1192742                         7.637692
VAR  3     1    306.8818        3.019395           B( 3)  0.4690259       0.4640827         16.53846
MODEL      1    306.8818        RSQ=   0.2153727
ERROR     11    101.6369        DET=    1395.011
```

$y = 0.1134 + (-0.0012)x$

$y = -0.1193 + 0.4690x$

TABLE 14 - CONDITION 3

```
BEGINNING EXECUTION OF MDCR
  3  3  0  1 15  0  0  0  0  0  0
(10X,F5.3,2F5.2)

LISTING OF DESIRED TRANSFORMED VARIABLES
THERE ARE     5 OBSN OF   3 VAR ON LU  13

MEANS AND S.D.
   1   .2874000E+00    .2824054E+00
   2   .2102800E+02    .1336390E+02
   3   .3420000E+02    .2290633E+02

CORRECTED SS AND SP
   1   .3190112E+00    .1195312E+02  -.2763400E+01
   2   .7143749E+03    .4833320E+03
   3   .2098800E+04


CORRELATION MATRIX
   1  1.0000  0.7918 -0.1068
   2  1.0000  0.3947
   3  1.0000


BEGINNING EXECUTION OF SMRR
  1  2  0 0 0 0 0 0  0  0  0  0  0  0
   3   1   2

REGRESSION ANALYSIS OF VARIABLE   1

SOURCE    DF    MEAN SQUARE      F RATIO          VAR     COEFFICIENT     ST.  COEF.          AVE
TOTAL      4    .7975280E-01                       B( 0)   0.3324297                        0.2874000
VAR  3     1    .3633450E-02   .3461095E-01       B( 3)   -.1316657E-02 -0.1067961         34.20000
MODEL      1    .3633450E-02   RSQ=    .1140540E-01
ERROR      3   0.1051242        DET=    2098.800

REGRESSION ANALYSIS OF VARIABLE   2

SOURCE    DF    MEAN SQUARE      F RATIO          VAR     COEFFICIENT     ST.  COEF.          AVE
TOTAL      4    178.5937                           B( 0)    13.15209                        21.02800
VAR  3     1    111.3064       0.5537002           B( 3)   0.2302897       0.3947271         34.20000
MODEL      1    111.3064        RSQ=   0.1558095
ERROR      3    201.0228        DET=    2098.800
```

$y = 0.3324 + (-0.00132)x$

$y = 13.1521 + 0.2303x$

D. REVEGETATION - USU SECOND PROGRESS REPORT

SECOND PROGRESS REPORT

1 July to 31 December 1975

REVEGETATION STUDIES FOR DISTURBED AREAS AND PROCESSED SHALE DISPOSAL SITES

Submitted by

Utah State University
Agricultural Experiment Station

To

White River Shale Project

Emphasizing Federal Oil Shale Prototype
Leasing Program Requirements. Utah Tracts Ua and Ub

Prepared by: C. M. McKell, Professor of Range Science
Gordon Van Epps, Associate Professor of Range Science
Kent A. Crofts, Research Technician
Steve Richardson, Research Technician
Jerry Barker, Research Assistant

(Note: same as before)

TABLE OF CONTENTS

		Page
I.	Highlights of Six-Month Report	1
II.	Introduction	5
	A. Overview of the Project, major objectives	5
	B. Status of research effort	6
	1. Items planned	
	2. Progress	
	3. Research site	
	C. Research in relation to Institute for Land Rehabilitation	7
III.	Literature Review - Status of Project	9
IV.	Rehabilitation Plantings on Disturbed Sites	10
	A. Spring 1975 plantings	10
	B. Fall 1975 plantings	13
	C. Greenhouse	14
V.	Seed Collections of Native Species	21
	A. Collection, cleaning and seed preparation	21
	B. Species collected	22
VI.	Germination Studies	25
	A. Results from germination trials	25
	B. Literature review of *Atriplex* germination	26
	C. Research plans	26
VII.	Propagation Studies	27
	A. Rooting habit in relation to field management	27
	B. Root growth in containers of various sizes & shapes	28
	C. Nursery stock production	28
	D. Rooting medium	29
VIII.	Soil Surface Stabilizing Materials	33
	A. Experimental objectives, design	33
	B. Results from summer 1975 study	35
	C. Experimental objectives, design and status of Fall 1975 studies	38
IX.	Growth of Plants in Processed Shale	41

TABLE OF CONTENTS (continued)

		Page
	A. Growth from a soil plug into shale	41
	B. Field studies planned	41
	C. Greenhouse studies at Ephraim	42
	D. Seedling growth into shale	42
	E. Weedy annual species grown in processed shale	42
X.	Communications	44
	A. Consultations	44
	B. Contacts	44
	C. Publications	45
XI.	Figures	46
	Figure 1	46
	Figure 2	46
	Figure 3	47

REVEGETATION STUDIES FOR DISTURBED AREAS AND PROCESSED SHALE DISPOSAL SITES

I. Highlights of Six-Month Report

The purpose of this research project is to develop information necessary to backstop a successful revegetation program for processed shale and disturbed sites. In furthering this purpose a number of important accomplishments have been made in the period 1 July to 31 December 1975. These accomplishments consist of research results, studies planned and initiated and consulting services for detailed development planning.

1. A much-needed field-study site was located in Section 6 north of the White River and is representative of most of the environments of the tracts. The six-acre site was fenced and made ready for implementation of the first experiment by mid-summer. Subsequently, several experiments have been set up there.

2. A literature review of published information relative to revegetation of processed oil shale in a salt desert shrub vegetation type is in the final draft stage. This review has been delayed by continued additions to it and the need to carefully screen and assess new reports in relation to the relevance they hold for a system of revegetation that would make optimum use of native plant species and natural precipitation.

3. Results from the transplanting of over 1000 bare-root shrub seedlings and container-grown plants on four disturbed sites indicate the favorability of transplanting as a means of ensuring plant establishment; although tentative until winter survival is assessed, the data

indicate that transplanting success as high as 90 percent can be expected with Big sagebrush and Black sagebrush on sites of average severity. An severe sites survival may dip to under 50 percent. Greasewood bare-root seedlings, because of their deep rooting habit, may not be transplanted with full success as indicated by an average survival of 49 percent on average sites and 0 percent on a harsh site. Container-grown fourwing saltbush transplants had a near 100 percent survival on all sites, thus indicating the desirability of using container-grown stock, particularly on harsh sites.

4. Seed collections from 55 species native to the tract were made in the summer and fall. Observations were made of the optimum time and phenological stage for collection. Cleaning and preparation of these seeds, which have diverse characteristics, is underway, and notes on methodologies and special equipment required for cleaning will aid in preparing recommendations and standard procedures necessary for their use in revegetation.

5. Germination of many native species is a not-too complicated process. However, the *Atriplex* species found on the tracts present problems in determining seed fill and overcoming seed dormancy. A literature review of published information has been made and a series of experiments has been planned. Because of their importance as dominant species in the area and their value for wildlife and livestock feed, the *Atriplex* species are a high priority for inclusion in revegetation plans. Thus the information to be gained will be valuable.

6. Rooting habits of native species grown in processed shale must be known to provide guidelines for revegetation plans. An observation of researchers working on the Colony Development revegetation plots that rooting habits changed when growing from soil into shale prompted us to study the subject. A preliminary study showed that seedling roots of fourwing saltbush (*Atriplex canescens*), Shadscale (*A. confertifolia*) and Russian wildrye (*Elymus junceus*) grew from a soil mass into processed shale whereas sand dropseed (*Sporobolus cryptandrus*) and Indian rice-grass (*Oryzopsis hymenoides*) failed to penetrate the shale. The subject clearly deserves further careful study. Three experiments have been set up to clarify the growth question and investigate some underlying physiological processes.

7. Effective surface stabilizing materials are needed to implement the proposed plan of shale revegetation. Three rates of six promising materials were studied at the field research site. Polyvinyl acetate appeared to be the most satisfactory (Aerospray 70 and Soil Seal) in tying down particle movement and creating a surface crust. Persistence for four months has been observed, but additional time is needed. Additional studies have been set up to determine the optimum slope distance and water harvesting ability of the PVA materials.

8. Numerous communications with those desiring information on the results of research or application of the underlying principles to revegetation of harsh sites have occurred. We have participated in three planning meetings with Bechtel Corporation, a review with the Western Energy and Land Use Team (WELUT), two field visits with representatives of the Oil Shale Mining Supervisor's Office and responded to numerous telephone calls.

Two papers from earlier work, but which are relevant to this project, have been published; a presentation of a paper at the U.S. Forest Service Shrub Workshop was made and a paper on disturbed site rehabilitation has been prepared and accepted for the Society for Range Management February meetings in Omaha, Nebraska.

II. INTRODUCTION

A. Overview of the Project

At the outset of this second progress report of research activity on revegetation studies for disturbed areas and processed shale disposal areas, a brief statement of objectives appears desirable. The purpose of the project is to provide research information necessary for developing a successful revegetation plan.

The general approach or rationale being followed is to use native plant species already adapted to the general area and to transplant established plants rather than sowing seeds and depending upon uncertain weather for germination and seedling establishment. Surface harvesting of rainfall and effective use of topsoil (which is limited in availability) can minimize expensive long-term inputs to the revegetated area. The final result anticipated is a biological/physical system that is in harmony with its surrounding area and functioning within the limits of the regional environment.

Some of the specific objectives are:

1. To review existing information or develop new data regarding the suitability of native plants for revegetation of environmentally harsh sites.

2. To adapt and develop methods for propagation and planting of native plants.

3. To devise a system of disposed shale contouring, placement of topsoil and surface stabilization that will promote plant growth with a minimum or requirement for irrigation and fertilization,

4. To study plant characterisitcs (such as palatability, competition, reproduction and growth) that will provide criteria for management of revegetated slopes.

B. Status of Research Effort

Project research is being conducted in greenhouses and laboratories of Utah State University in Logan, in greenhouses and field facilities of USU Snow Field Station, Ephraim, and at a six-acre field research site in Section 6 north of tracts Ua and Ub. Much of the research is in the early stages with experiments planned or established but only preliminary data obtained because of the need to observe results over at least one complete growing cycle if application to field conditions is desired. The first study of rehabilitation plantings for disturbed sites will be completed in late spring. A second one was set out in September-October and will require 18 months for definitive results. The first study of soil surface stabilizing materials was set out in July and several conclusions were reached by the end of the summer. A second study of materials and slope characteristics was started in September-October and is expected to yield definitive results by the end of summer 1976.

Work on plant characteristics, seed germination, propagation, plant growth in containers and physiology of root growth in processed shale is being conducted continuously in a series of greenhouse, laboratory and field experiments. Many results have been obtained which guide the planning of additional studies and some will be reported in appropriate publications.

Development of the research site on private land in Section 6 north of the White River required considerable time and effort during the summer. A perimeter fence, consisting of four-inch wire netting, a barb-wire top strand and sparrow wire netting buried six inches with an additional four inches flared out from the base, surround the site (Figure 1). The site has about three acres of level to gently sloping surface and three acres of steep slopes ranging from 1:4 to 1:3 with east, north and south exposures. Because it is within the mile perimeter of the tracts, the site was included in the soil survey conducted by Dr. A.R. Southard. Thus results can be correlated with soil conditions of Tracts Ua and Ub.

Some problems and delays were experienced in obtaining sufficient processed shale for experiments planned for 1976 but these were generally overcome.

C. Relationship of Project to Institute for Land Rehabilitation

In the November meeting of the Utah State University Institutional Council approval was given for the establishment of an Institute for Land Rehabilitation. The purpose of this institute is to foster research on problems of disturbed lands and develop criteria and methods for their rehabilitation. The emphasis is on arid lands where existing practices are inadequate or do not work.

Formation of the ILR is intended to demonstrate the committment and emphasis that USU places on land rehabilitation and use. Further, the ILR

will provide visibility for an important problem area and encourage committment of funds, both institutional and external, for research. Existing projects on land rehabilitation under the management of Dr. C.M. McKell and his associates are considered as the workload of the Institute. At present, the oil shale rehabilitation project for the White River Shale Project is a major responsibility of the Institute. Other Institute projects and funds include Project 752, a regular Utah Agricultural Experiment Station project and Project 754, a two-year study financed by the Cooperative State Research Service-USDA from EPA funds. Additional funding sources are being developed.

III. LITERATURE REVIEW

In the spring of 1975 a review of literature particularly relevant to oil shale revegetation was initiated. Published reports have been reviewed on the ecology and physiology of salt desert shrub vegetation, propagation methods and production of container-grown planting materials, reseeding and planting methods, and socio-economic aspects of oil shale development.

Well over 500 articles have been entered into a punch-card index system and a manuscript in the final draft stage is being reviewed by members of the group. Because we wish to include current published information in the literature review, there has been a delay in bringing the manuscript to completion. However, publication as a report of the Utah State Agricultural Experiment Station is anticipated shortly.

IV. REHABILITATION PLANTINGS ON DISTURBED SOIL SITES

Data from the present plantings along with those proposed for next spring and summer should provide adequate basic information for rehabilitating disturbed soil sites on the Ua and Ub oil shale tracts in Utah. Refinements in various techniques will still be needed as well as enlarging on the number of species that can be utilized. These include practical methods for assuring germination of several species such as Shadscale (*Atriplex confertifolia*) which have a natural time spread in germination due to the impermeable and hard characteristics of the utricle surrounding the true seed. Techniques are needed for establishing and growing more standard bare-root stock of high quality. Refinements are needed in growing containerized stock, such as for field planting and establishing the size and type of container, and the necessary management in holding plants until time of planting. Economy as well as practical and commercial methods for application are being considered during these early basic studies.

A. 1975 Spring Plantings

An evaluation of several shrub species following the first year's growth is presented in Tables 1 thru 5. These are from the plantings made April 24 and 25, 1975 at G Drill Hole, Sites 5, 22, 8 and 13. Each planting consisted of six species, five treatments and eight replications. The treatments consisted of a (1) control; (2) watered at time of planting; (3) watered plus fertilizer at time of planting; (4) same as treatment 2 plus later watering; and (5) same as treatment 3 plus later watering. The fertility treatment consisted of 9 grams per plant of 29-14-0

fertilizer (29% N, 14% P, 0% K) placed 5 to 7 cm at the side of plant and 5 to 7 cm deep so as to be in the root zone. This is equivalent to a 90 kg per hectare application.

Data included in Tables 1 thru 4 shows the percent survival, average plant vigor, and the average growth for each species and treatment. This information was obtained from observations made October 21 to 31, 1975 at the end of the growing season. A perusal of the data in these tables indicate that no real differences in survival or plant growth were obtained from the treatments. Differences among species survival at the various locations was observed and was better than expected due to favorable precipitation. Observations at planting time indicated that Drill Hole Site G-8 apparently had the most adverse soil conditions. This proved to be true as there was only an overall plant survival of 37 percent. Greasewood (*Sarcobatus vermiculatus*) at 0 percent and Spreading rabbitbrush (*Chrysothamnus linifolius*) at 2 percent were the poorest. A few of these plants may still have live roots and will grow from the base. No plants were dug to check the root system as to their being alive, however, this will become known during observations in the spring and fall 1976.

Table 5 shows comparative shrub survival at the two dates (June 12, 1975 and between October 21-31, 1975) as noted at each of the drill hole sites. In general, Black sagebrush (*Artemisia nova*), fourwing saltbush (*Atriplex canescens*) and Big sagebrush (*A. tridentata*) all did exceptionally well. Others showed good survival depending on location.

The variability among species survival at the four locations shows that some species perform better than other species under certain conditions that may exist on disturbed sites. Care will be needed to plant those species that will have the greatest chance of survival for a

particular site, according to soil characteristics and extreme environmental factors.

The few container-grown transplants of fourwing saltbush planted at each location grew better than expected (Figure 2). No losses occurred during the growing season except one plant which was destroyed earlier by rodents. Table 6 shows the comparison in survival, vigor and growth at the spring and fall observation dates for the four genotypes of Fourwing saltbush plants obtained from the area. Plants were obtained by vegetative cuttings.

Data in Table 7 show the comparison of survival and growth of bare-root and container-grown fourwing saltbush plants at each drill site. Although not incorporated in the same study, the data indicate that higher survival and earlier growth may be obtained from planting container-grown stock thus assuring greater success in establishing vegetation where the same number of plants are utilized.

The success of container-grown plants of Fourwing saltbush and Shadscale made in the Experimental Site in Section 6 on July 9, 1975 fairly well proves the benefits of planting container-grown stock. In addition to assuring success in revegetation, the season for planting can be extended over several months rather than just for a short period of time in the spring. Further studies may indicate that they could be planted throughout the growing season with limited supplementary water.

Due to the tremendous increase in the rabbit population during the summer, plant damage at some sites was severe. This was especially true at Drill Hole Site G-13, where protective plant cover from Russian thistle and other forbs were scarce.

B. 1975 Fall Plantings

Three additional sites were selected for comparing several plant species as to time (fall vs. spring) and method of establishment for plant survival and growth. The locations are (1) in the research site located in the northeast quarter of Section 6, which lies on the north side of the White River; (2) Drill Hole G-17 in Section 12, Tract Ub; and (3) Drill Hole G-3, in Section 29, Tract Ua.

Two major studies are located at each of the three sites. One of these is a shrub establishment study comparing nine shrub species and three methods of establishment. The methods include direct seeding, transplants of bare-root stock and transplants of container-grown stock. The fall planting was made October 17 thru November 13, 1975. The spring planting will be made in late March or early April of 1976, depending on the weather.

The nine species in this study include: Greasewood (*Sarcobatus vermiculatus*), Fourwing saltbush (*Atriplex canescens*), Shadscale saltbush (*A. confertifolia*), Cuneate saltbush (*A. cuneate*), Winterfat (*Ceratoides lanata*), Big sagebrush (*Artemisia tridentata*), Black sagebrush (*A. nova*), Greenes rabbitbrush (*Chrysothamnus greenei*), and Spreading rabbitbrush (*C. linifolius*). It should be noted that one of the direct seeded rows has a protective brush-cover mulch for comparison.

The other study at each of the three locations is similar in design, only it consists of grass species. This study consists of three methods of establishment and two dates of planting, fall and spring. The methods for testing establishment consist of direct seeding, planting of bare-root stock and planting of container-grown stock. The fall planting was made

from October 28 thru November 14, 1975. It is expected that the spring planting will be made in late March or early April, 1976.

Russian thistle and other forbs may provide adequate protective shelter while plants become established. This was especially observed at Drill Hole Sites G-5 and G-22. Exposed plants suffered severe rabbit damage while those surrounded by Russian thistle plants, though possibly smaller due to plant competition, were not damaged.

C. Greenhouse

Numerous plant species are being propagated in containers for experiments in the spring of 1976 on the Drill Hole Sites and Section 6. Observations on maintenance of planting stock under greenhouse conditions are being recorded.

Table 1

DRILL HOLE G-5

Evaluation of live shrubs on October 31, 1975
from plantings of bare root stock made April 24, 1975

	Plant Species	Treatment*	Survival	Vigor	Height
			%		Cm.
A.	Greasewood	1	62	Fair	8.4
		2	62	Poor	8.0
		3	62	Fair	8.6
		4	50	Fair	8.7
		5	75	Fair	6.5
	Sub-average		63	Fair	8.0
B.	Rubber Rabbitbrush	1	37	Fair	12.0
		2	50	Fair	12.5
		3	25	Poor	11.0
		4	37	Poor	12.0
		5	25	Fair	12.5
	Sub-average		35	Fair	12.1
C.	Big Sagebrush	1	87	Fair	9.0
		2	100	Fair	7.6
		3	87	Fair	7.9
		4	100	Fair	7.1
		5	87	Poor	6.9
	Sub-average		93	Fair	7.5
D.	Fourwing Saltbush	1	87	Fair	9.4
		2	100	Fair	12.1
		3	75	Fair	13.3
		4	75	Fair	12.0
		5	100	Fair	9.5
	Sub-average		88	Fair	11.2
E.	Winterfat	1	37	Fair	8.3
		2	50	Fair	9.5
		3	62	Fair	10.2
		4	100	Fair	8.6
		5	75	Fair	10.8
	Sub-average		65	Fair	9.5
F.	Black Sagebrush	1	87	Poor	5.3
		2	100	Poor	5.2
		3	87	Poor	5.9
		4	87	Poor	5.3
		5	37	Poor	6.7
	Sub-average		80	Poor	5.5
	Total Average		70%		

*Data is the average of 8 plants in 8 replications (1 plant per replication) for each treatment. Treatments used are shown in the write up.

Table 2

DRILL HOLE G-22

Evaluation of Live Shrubs on October 31, 1975 from plantings of bare root stock made April 24, 1975

Plant Species	Treatment*	Survival	Vigor	Height
		%		Cm.
A. Greasewood	1	87	Poor	6.6
	2	75	Fair	6.5
	3	87	Fair	5.6
	4	100	Fair	6.6
	5	100	Fair	6.7
Sub-average		90	Fair	6.4
B. Rubber Rabbitbrush	1	63	Fair	12.6
	2	50	Fair	14.7
	3	75	Fair	15
	4	75	Fair	14.5
	5	75	Fair	10.5
Sub-average		67	Fair	13.4
C. Big Sagebrush	1	87	Fair	9.1
	2	100	Fair	8.5
	3	63	Fair	9.2
	4	100	Fair	8.3
	5	100	Fair	8.0
Sub-average		90	Fair	8.6
D. Fourwing Saltbush	1	87	Fair	8.3
	2	100	Fair	13.0
	3	100	Fair	15.3
	4	87	Fair	15.3
	5	100	Fair	16.1
Sub-average		95	Fair	13.7
E. Winterfat	1	87	Fair	7.0
	2	63	Fair	5.8
	3	63	Poor	3.8
	4	75	Fair	6.5
	5	75	Fair	6.3
Sub-average		73	Fair	6.0
F. Black Sagebrush	1	87	Fair	5.7
	2	87	Fair	5.3
	3	87	Fair	4.0
	4	100	Fair	4.7
	5	87	Fair	4.0
Sub-average		90	Fair	4.7
Total Average		84%		

*Data is the average of 8 plants in 8 replications (1 plant per replication) for each treatment. Treatments used are shown in the write up.

Table 3

DRILL HOLE G-8

Evaluation of live shrubs on October 29, 1975 from plantings of bare root stock made April 25, 1975

	Plant Species	Treatment*	Survival	Vigor	Height
			%		Cm.
A.	Greasewood	1	0		
		2	0		
		3	0		
		4	0		
		5	0		
	Sub-average		0		
B.	Spreading Rabbitbrush	1	12	Poor	2.0
		2	0		
		3	0		
		4	0		
		5	0		
	Sub-average		2	Poor	2.0
C.	Big Sagebrush	1	50	Fair	9.5
		2	50	Fair	8.7
		3	37	Fair	6.5
		4	37	Fair	7.5
		5	25	Poor	7.0
	Sub-average		40	Fair	8.4
D.	Fourwing Saltbush	1	75	Good	11.2
		2	37	Fair	12.3
		3	87	Fair	13.1
		4	37	Fair	14.3
		5	87	Good	12.9
	Sub-average		65	Fair	12.7
E.	Cuneate Saltbush	1	63	Good	8.4
		2	63	Fair	5.6
		3	75	Fair	6.3
		4	25	Fair	5.5
		5	100	Good	9.6
	Sub-average		65	Good	7.5
F.	Shadscale	1	50	Good	8.0
		2	63	Fair	8.2
		3	50	Good	8.7
		4	37	Good	9.0
		5	75	Good	8.3
	Sub-average		55	Good	8.4
	Total Average		37%		

*Data is the average of 8 plants in 8 replications (1 plant per replication) for each treatment. Treatments used are shown in the write up.

Table 4

DRILL HOLE G-13

Evaluation of live shrubs on October 21, 1975 from plantings of bare root stock made April 25, 1975

Plant Species	Treatment*	Survival	Vigor	Height
		%		Cm.
A. Greasewood	1	25	Fair	7.0
	2	25	Poor	3.5
	3	50	Good	19.0
	4	63	Poor	6.0
	5	63	Fair	14.4
Sub-average		45	Fair	11.1
B. Spreading Rabbitbrush	1	100	Fair	23.4
	2	87	Fair	32.3
	3	87	Fair	35.1
	4	75	Good	37.5
	5	75	Fair	31.2
Sub-average		85	Fair	31.5
C. Big Sagebrush	1	87	Fair	10.6
	2	100	Fair	7.9
	3	100	Fair	8.7
	4	100	Fair	7.5
	5	100	Fair	9.4
Sub-average		97	Fair	8.8
D. Fourwing Saltbush	1	87	Good	30.9
	2	75	Fair	24.2
	3	63	Good	23.0
	4	100	Good	28.6
	5	87	Good	41.1
Sub-average		83	Good	30.1
E. Cuneate Saltbush	1	50	Fair	5.0
	2	63	Fair	7.4
	3	75	Fair	4.5
	4	63	Good	14.0
	5	63	Fair	6.0
Sub-average		63	Fair	7.4
F. Shadscale	1	25	Fair	4.0
	2	63	Fair	3.0
	3	63	Fair	4.6
	4	63	Fair	6.6
	5	37	Excellent	12.0
Sub-average		50	Fair	5.7
Total Average		70%		

*Data is the average of 8 plants in 8 replications (1 plant per replication) for each treatment. Treatments used are shown in the write up.

Table 5

Comparison of shrub specie survival at four Drill Site locations and at two dates - Spring and Fall, 1975 during the year of field establishment.

Plant Species	G-5	G-22	G-8	G 13 & 20	Average
	%	%	%	%	%
A. Greasewood					
June	85	93	8	70	64
Oct.	63	90	0	45	49
B. Big sagebrush					
June	95	98	68	100	90
Oct.	93	90	40	97	80
C. Fourwing saltbush					
June	95	100	80	92	92
Oct.	88	95	65	83	83
D. Black sagebrush					
June	90	100			95
Oct.	80	90			85
E. Rubber Rabbitbrush					
June	87	78			83
Oct.	35	67			51
F. Winterfat					
June	85	75			80
Oct.	65	73			69
G. Cuneate saltbush					
June			80	85	83
Oct.			65	63	64
H. Shadscale					
June			55	53	54
Oct.			55	50	53
I. Spreading rabbitbrush					
June			90	98	94
Oct.			2	85	43

Table 6

Comparison of survival, vigor, and growth of plants at two observation dates (June 12, 1975 and October 21-31, 1975) during first year of growth. Plants were grown in containers from cuttings.

Plant Source	Sex	Number Planted	Survival June	Survival Oct.	Vigor June	Vigor Oct.	Growth June	Growth Oct.
			%	%			Cm.	Cm.
Atca UB1	Female	16	94	94	Good	Excellent	14	37
Atca UB2	Female	14	100	100	Good	Good	16	32
Atca UB3	Female	14	100	100	Excellent	Excellent	17	41
Utca UB4	Male	10	100	100	Excellent	Excellent	18	39

Table 7

Comparison of Bare root and container grown Fourwing saltbush transplants at each of the four drill sites and at the end of the first's growing season.

Location (Drill Site)	Survival Bare Root	Survival Container	Height Bare Root	Height Container
	%	%	Cm.	Cm.
G-5	89(5)*	100	11	54
G-8	65(14)	100	13	38
G-13	83(7)	100	30	54
G-22	95(2)	94(1)	14	19(39)**

*Number of plants that died shown in parenthesis.
**19 cm = average height including rabbit damaged - 39 cm. is the average of those plants not injured by rabbits.

V. SEED COLLECTION

A. Collection, Cleaning and Preparation

During the period between July and December seed was collected from 55 species of plants found on or near the oil shale tracts Ua and Ub. Seed was mainly collected from the dominant vegetation for use in subsequent studies. Effort will be made during the next summer and fall months to collect seed from the less dominant vegetation.

Information on time of collection and seed condition was kept for each species. This information will be helpful for collecting seed in the future.

Most of the seed was collected from plants by hand stripping. This method is good if the seed on the plant is dry and ready for dispersal. This method is slow and tedious but alot of litter can be eliminated from the seed collected. Also the collector can be selective for the seed collected.

A second method used for collecting seed was to lay plastic around the plant and knock the seed off with sticks. However, this method collected alot of litter with the seed.

After the seeds were collected, they were put in paper sacks and labeled with an identification number. The seeds were then stored in a cool room until they can be cleaned. During the winter months the seed will be cleaned and prepared for long-term storage.

A seed-cleaning lab has been developed for processing the seed. Such equipment at hand screens, rubbing boards and a clipper machine will be used to clean the seed.

Most seed from native plants has to be cleaned which involves the removal of awns, pappus, scales, etc. for germination not to be inhibited. Cleaning also removes all litter and chaff. If this is not done the litter and chaff can create an osmotic potential which will inhibit the seeds from imbibing enough moisture for germination. In nature this process is accomplished by physical and biological activity.

B. Species Collected

Table 8 lists the species of seed collected, the field source, and date of collection. Most of the seeds were collected on tracts Ua and Ub or from adjacent areas to ensure that species with adaptation to local environmental conditions would be used in revegetation research relevant to the immediate area. Species from other areas were sometimes collected for use in making comparisons with local species or because they have unique characteristics. Presently the seed collection consists of ten grasses, 29 shrubs, 15 forbs and one tree.

TABLE 8.

Collection of Native Plant Seeds, Sources and Dates Harvested

Species	Source	Date	Collector
Agropyron cristatum			V
A. inerme			V
A. Smithii	Hell's Hole Canyon	7-30-75	V,B
Artemesia nova			V
A. spinosa	Study site section 6	7-8-75	B
A. tridentata	Watson	12-12-75	V,B
Amelanchier utahensis	Asphalt Wash	8-20-75	B
Aster spp.			V
Astragulus spp.	Study site Section 6	7-30-75	B
Astragulus spp.	Devil's playground	7-30-75	B
Atriplex argentea			V
A. canescens	Study site Section 6	10-24-75	V,B
	Hell's Hole Canyon	10-25-75	
A. confertifolia	Hell's Hole Canyon	10-25-75	V,B
A. corrugata			V
A. cuneata	Watson	8-20-75	V,B
	Hell's Hole Canyon	8-20-75	
A. gardneri	Manilia	9-5-75	V,B
A. nuttallii	North of Bonanza	7-30-75	B
A. powellii			V
Atriplex spp.	Manila	9-5-75	B
Bromus tectorum	Southam Canyon	7-9-75	V,B
	Study site Section 6	8-21-75	
Cercocarpus montanus	Book Cliff area	8-20-75	V
Ceratoides lanata			V
Chrysopsis villosa	Study site Section 6	10-25-75	B
Chrysothamnus greenei	Hell's Hole Canyon	9-5-75	V,B
C. linifolius	Watson	9-5-75	V,B
C. nauseosus	Hell's Hole Canyon	9-5-75	V,B
	White River by bridge	10-25-75	
	Watson	9-5-75	
C. viscidiflorus			V
Distichlis spicata			V
Eriogonum spp.			V
Cirsium lanceolatum	N. of Hell's Hole Canyon	7-30-75	B
Glossopetalon nevadense	S. of study site Sect. 6	7-8-75	B
Grayia brandegi	Hell's Hole Canyon	9-2-75	V,B
	Devil's Playground	10-25-75	
Grayia spinosa	N. of study site Sect. 6	7-8-75	V,B
Gutierrezia sarothrae			V
Halogeton glomeratus	Snowville	12-10-75	
Hedysarum boraces	W. of Bonanza	7-10-75	V,B
Holodiscus dumosus	N. of study site Sect. 6	9-5-75	B
Juniperus osteosperma			V
Mentzelia humilis	Study site section 6	9-5-75	B

TABLE 8 (continued)

Species	Source	Date	Collector*
Oryzopsis hymenoides	Southam Canyon	7-8-75	V,B
Penstemon fremontii	White River by bridge	9-5-75	B
Phlox hoodii	Study site Section 6	7-29-75	B
Ribes aurem	Hell's Hole Canyon	8-20-75	B
Sarcobatus vermiculatus	N. of Bonanza		V
Salsola kali	Study site Section 6	10-18-75	V,B
Sitanion hystrix	N. of study site Sect. 6	7-8-75	V,B
	Southam Canyon	7-8-75	
Sphaeralcea coccinea	Study Site Section 6	7-30-75	V,B
S. parivolia	White River by bridge	7-30-75	V,B
Sporobolus airoides	White River	7-10-75	V,B
S. cryptandrus	Southam Canyon	7-8-75	V,B
Stipa comata	Southam Canyon	7-8-75	V,B
Suaeda spp.			V
Tamarix pentandra			V
Tetradymia nuttallii	Study site Section 6	7-9-75	B
T. spinosa	Study site Section 6	7-8-75	B

*Seed collected by: B = Jerry Barker
V = Gordon Van Epps

VI. GERMINATION STUDIES

A. Results from germination trials reported in the past semi-annual report revealed that the majority of native shrub species can be propagated from seed with few difficulties. Seeds of species in the genera *Artemisia*, *Chrysothamnus*, *Eurotia*, and *Sacrobatus* germinate readily and have but minor problems with seed dormancy. Some shrub members of the genus *Atriplex* responded poorly in last seasons trials due to the low percentage of filled fruits and thickness of the fruiting bracts which surrounds the seed.

Owing to the favorable amounts of spring and summer precipitation that were received on the tracts this past growing season, seed production was excellent on almost all species. Although large amounts of seeds from all available species were collected, an especially large amount of seed of various *Atriplex* species was collected. The four species collected were *A. confertifolia*, *A. cuneata*, *A. gardnerii* and *A. canescens*. An extensive literature review of nearly 100 articles has been completed and is on file in the project library. Despite the large number of published papers in this area, no suitable techniques exist for improving fruit fill and subsequent germination.

Although many of the species collected to date will be tested for germinability, extensive tests will be conducted on the four *Atriplex* species. These species are important because of their highly valuable characteristics for wildlife feed and cover and livestock forage. A

large portion of the vegetation of tracts Ua and Ub is composed of *A. confertifolia* and *A. cuneata*. *A. canescens* is also an important species but not as frequent in occurrance. Therefore, it is highly desirable to find ways for improving the utilization of *Atriplex* species in revegetation.

B. Literature review on *Atriplex* germination.

A literature review was conducted on germination problems and methods for improving germination of four *Atriplex* species commonly found in the salt desert shrub vegetation: *Atriplex confertifolia, A. canescens, A. cuneata* and *A. gardnerii*. This literature review will be available as a separate appendix to this six-month report.

C. Planned research

A study of means to increase the percent of seed fill as it relates to germination and seedling vigor is currently underway. Over ten pounds of *Atriplex* seeds have been dewinged and cleaned. Separation of various size seeds and seeds with different degrees of fill is the objective of the study. Solutions of various specific gravities, a vibrating gravity table and other methodologies will be employed to effect the desired separations. Seeds of various size classes and seed fill will be germinated and measured over time in germination dishes and in field plantings to determine the effect of seed quality on seedling vigor.

As native species are identified for use in revegetation plans, their germination requirements will be studied in order to provide criteria for their routine propagation.

VII. PROPAGATION STUDIES

Some native plants may best be propagated by growth from seedlings while others may be more expeditiously produced from rooted cuttings. Present studies will help to determine which alternative is best for a given species.

Another problem is whether growing a plant in the constraints of a container (be it small or large, tall or shallow, round or square) will affect the nature of root growth. When the natural habit is for shallow or deep root proliferation, early growth in a container may seriously affect such a natural growth pattern. Two experiments are being conducted to answer this problem.

A. A study was set up at the Snow Field Station to determine if the habit of root development has an effect on the establishment and growth of bare-root transplants. Three species being studied are four-wing saltbush, Winterfat and Siberian salt trees. All of these generally have strong single tap roots until the plants are past the transplanting size. Other species were included but due to poor seedling establishment they were discontinued.

The initial planting was made July 1, 1975 in the Snow Field Station. The tap roots on half the plants in a randomized block experiment were left untouched while the other half were cut approximately six inches below the soil surface to induce secondary rooting.

Plants from these two treatments will be dug in the spring of 1976. Observations will be made as to quality of root structure and then the plants will be planted for evaluation in the Experimental Site on Section 6.

B. Root Growth in Containers

A study of container size, depth and shape is presently being conducted in the greenhouse in Logan. This study includes three shrub species with rooting habits that are shallow and spreading (*Chrysothamnus linifolius*), deep (*Sarcobatus vermiculatus*), and both deep and shallow (*Artemisia tridentata*). These species are each being grown in five different types of containers. The most suitable container for each species will be determined by observations on growth, root development and subsequent performance when planted at the Section 6 study site.

C. Nursery stock production for use as bare-root stock or for container-grown transplants

Preliminary studies are in progress for determining the best time to direct seed shrubs in the field for growing a quantity of nursery stock. These to be used as bare-root planting stock or for replanting into containers. Many plantings in the past have been failures due mainly to climatic conditions.

Good success can be obtained by planting Fourwing saltbush and Winterfat in the spring after all danger of frost is past. Moisture in the top soil can be maintained through sprinkling until the seeds have germinated. This same method may be practical for other Chenopods. These plants are extremely vulnerable to frost in the cotyledon stage of growth. Indications are that species within the rabbitbrush family may be seeded either in the fall or early spring with the best germination from fall plantings. These also may become established under sprinkler irrigation, though this phase has not been studied.

Sagebrush will germinate readily from fall plantings. Spring seedings have been a failure.

Additional studies are needed with these and other species for determining the times of seeding for commercial production.

Experiments are continuing with vegetative cuttings and various plant hormone concentrations to improve on the percentage of cuttings that will root to form new plants. Several treatments have been tried with poor success in using artificial light and bottom heat. The best success is being obtained by using a propagation bench with bottom heat propagating mixture being used is coarse sand, peat moss and perlite, with a plastic hood for retaining humidity. Fair success is being obtained with some individual plants of Fourwing saltbush, Cuneate saltbush, Shadscale, and Spreading rabbitbrush. Success has been practically nil with Greasewood and Rubber rabbitbrush (*Chrysothamnus nauseosus*) cuttings. The percent of rooted shrub cuttings for several species is shown in Table 9. Cuttings from some individual plants of Fourwing saltbush rooted 100 percent while others failed entirely. The data on both groupings of Fourwing saltbush were from several plants, while all others came from individual plants. Data indicates that no treatment with 80 percent good plants was better for rooting cuttings of these species than using a concentrated .5 percent - 3 Indolebutyric Acid treatment for 20 seconds with only 11 percent success.

D. Rooting Medium

As was reported in the last semi-annual report, the ability of native shrubs to root in an artificial environment seems to be influenced to a

Table 9

Shrub Propagation from vegetative cuttings in a plastic covered propagation table with bottom heat.

Plant Species	Treatment	Number of Cuttings	Cuttings Barely Alive	Cuttings With Good Growth
	No.	No.	%	%
A. Fourwing saltbush	1	86	12	29
	2	86	5	14
B. Cuneate saltbush	1	26	4	23
	2	26	0	4
C. Shadscale	1	47	2	98
	2	50	18	26
D. Greasewood	1	23	30	0
	2	24	25	0
E. Fourwing Saltbush	1	74	38	27
	2	75	25	37
F. Rubber Rabbitbrush	1	50	0	0
	2	50	0	0
G. Spreading rabbitbrush(1)	1	25	0	0
	2	25	0	0
H. Spreading rabbitbrush (2)	1	25	4	48
	2	25	8	8
Total - Treatment 1		356	11	28
Total - Treatment 2		361	10	11

Key to hormone treatments:
1. control
2. 20 sec in .5% - 3 Indolebutyric Acid (Conc. Fast Root #2)

a large degree by the type of rooting medium used. Our observations indicate that a medium having good aeration is beneficial to induce rooting.

To provide the best recommendations for propagating native plant species, a study was designed to examine the effects of two rooting media on the rooting of cuttings. Soil collected near the experimental study site was selected as a medium having little aeration. Jiffy Number 9 Peat Pellets were selected as a medium with adequate aeration. Although Dr. Eamor Nord of the U.S. Forest Service, Forest Fire Laboratory in Riverside, California reports[1/] that he has observed a small amount of pruning on the roots of cuttings placed in Jiffy Peat Pellets, no inhibitory effect from using this rooting medium appeared in our experiment. To date, the Jiffy Peat Pellets have proven superior to other growing media observed.

Three species of shrubs that performed poorly in last season's trials were selected for this study since the majority of shrubs used to date seem to root with little difficulty. The three species presently being studied are : Big sagebrush (*Artemisiz tridentata*), Spreading rabbitbrush (*Chrysothamnus viscidiflorus* var. *linifolius*)and Greasewood (*Sarcobatus vermiculatus*).

The rooting medium experiment has only been established for a short time due to the period of time necessary for the past season's growth to harden before cuttings could be obtained. Although preliminary in nature, results support our initial observations that rootin medium is a major factor influencing the rootability of many shrub species.

[1/] Personal communications.

In addition to the effects of rooting medium on root formation, the effects of four hormone concentrations on three different ages of plant material are being examined. The restuls of these treatments will be analyzed concurrently with the rooting medium study.

A majority of the shrubs have only recently become sufficiently hardened by winter dormancy to be useful for large-scale propagation work. Now that suitable plant materials are available in the field, we will attempt to make monthly collections and study the problems that must be overcome to root the plants we are presently unable to root with relative ease. A complete report of this portion of the project will be included in the next semi-annual report.

VIII. SOIL SURFACE STABILIZING MATERIALS

A. Experimental Design and Objectives

In June-July, 1975, a study of soil surface stabilizing materials was established (Figure 3). The objectives were to determine the effectiveness of several available materials for stabilizing soil surface particles for shedding water and reducing soil moisture loss by evaporation. Also, the study was to assess the longevity and film strength of the materials.

Finding a suitable surface stabilizing material is a key factor in the proposed methodology for revegetation of processed shale disposal areas. The type of material desired is one that will prevent dust and particle movement, shed rain water and snow melt to transplanted plants and resist weathering and breakdown for one or two growing seasons.

The materials tested ranged from an organic to a synthetic emulsion and from a petroleum emulsion to a paper industry by-product emulsion (Table 10). Some of the materials have been employed or tested for use in roadside revegetation for various applications. The rates used in this study were 1/2, 1 and 2 times the rates recommended by the manufacturers (personal communications U.S. Bureau of Mines [1969], B.L. Kay [1975] and Dean and Havens [1972]). They were applied in concentrations of 1:5 or 1:10 depending on the total volume of liquid desired and the soil wetting characteristic which developed.

Four replications of each material rate were applied to 4 x 4 foot plots. Two relicates were on a 1:5 north-facing slope and two were on a 1:10 east-facing slope. One replication on each slope was surfaced with

TABLE 10. Soil Surface Stabilizing Materials Tested at Utah Oil Shale Revegetation Study Site. 1975

Name	Nature of Material, Source	Rates Used	Concentration in H_2O
Check			-
Plastic	Clear Plastic	1 layer - 9 mil.	-
Coherex	Asphalt emulsion Big Bear Oil Co.	600 1200 2400 gal/acre (liquid emulsion)	1:5
Soil Seal	Copolymer of Methacrylates and acrilites Soil Seal Corp.	1090 2180 4360 gal/acre (liquid emulsion)	1:10
Aerospray - 70	Polyvinyl acetate American Cyanimid	25 50 100 gal/acre (liquid emulsion)	1:10
Trastan	Ammonium lignosulfonate Arthur Trask Co.	1000 2000 4000 lbs/acre (water soluble powder)	1:10
Paracol 1461	Lignosulfonate + resins and wax Hercules Inc.	250 500 1000 gals/acre (liquid emulsion)	1:5
TerraTack II	Powdered extract of seaweed Grass Growers, Inc.	45 90 180 lbs/acre (water miscible powder)	1:10

*The medium rate was generally the rate recommended by the manufacturer, U.S. Bureau of Mines or Mr. B.L. Kay, Stabilization Consultant.

one-inch of crushed paraho process shale that had been passed through a 1/4-inch screen.

Prior to application of materials, the plot designated to receive the medium rate was equipped with a moisture sensing element (thermocouple psychrometer) at a depth of six inches (15 cm).

A three-inch deep furrow was formed at the lower edge of each plot to catch any rain water runoff. Later, a container-grown *Atriplex* seedling was planted in the bottom of each furrow. Observations of surface stability, water runoff, materials longevity and plant survival were made during the summer and fall of 1975.

B. Results of 1975 Study

1. Application of Materials.

Some problems were encountered with the application of materials that may be of concern for future use. Soil Seal mixed well but "beaded up" on the processed shale surface. Adhesion to the soil surface was not satisfactory initially but improved as the material set up. Clean up required abundant water and a solvent.

Coherex mixed well with water when agitated. Receptivity by the soil was good but less satisfactory on the processed shale where it beaded. Clean up required a gasoline solvent.

Aerospray-70 mixed well and was applied with a pressure sprayer. It appeared to stick better to the shale than the soil, although both were very satisfactory.

Trastan was difficult to mix and initially formed lumps which finally disappeared with vigorous stirring. The emulsion was applied with a sprinkler and covered the soil well but beaded up on the shale. Clean up was easy.

Paracol 1461 was available as an emulsion and mixed well with water. Applied with a sprinkler can, Paracol 1461 appeared to cover both soil and shale equally well. The high rate (consisting of almost 1.5 gallons of solution per plot) was difficult to apply without running off. Clean up was moderately easy with abundant water.

TerraTack II was difficult to mix because of the hardness of the local water and the resulting lumpiness. Vigorous stirring was required. Poor surface wetting resulted, especially on the shale. Slow application improved the results, however. Clean up required considerable water.

2. Stabilization of Soil Surface

An evaluation of the soil and shale surfaces treated with the stabilizing materials was made on July 15 and again on September 3. During the interval several rainy periods had occurred and those materials which were water soluble or had experienced some breakdown were observed to be less effective than originally rated (Table 11). The rating on July 15 occurred immediately after a rainstorm. Runoff could be seen on many of the plots, especially the Coherex plots which appeared to repel the water rather than be sealed against it. The Soil Seal and Aerospray-70 plots appeared to harvest some water but not as much as the Paracol 1461 plots.

At the end of the summer the Coherex plots, the Trastan, the Paracol 1461 and the TerraTack II plots had lost their surface firmness and particle binding attributes leaving only the plots treated with Soil Seal and Aerospray-70 with any material effectiveness. A further evaluation in the

TABLE 11.

Evaluation of surface stabilizing materials for strength and binding properties using five-point rating scale[1/] (values are the mean of four replications)

	Material/Rate	Mean Rating July 15	Mean Rating Sept 3	Runoff Test[2/] Aug 22
1	Check	1	1	2/10
2	Plastic	5	5	10/10
3	Coherex/Low	1	1	9/10
4	" Med	1.5	1	8/10
5	" High	1.5	1	9/10
6	Soil Seal/Low	2.5	2	9/10
7	" " Med	2.7	2	6/10
8	" " High	4.0	3	7/10
9	Aerospray 70/Low	4.0	4	4/10
10	" " Med	4.1	4	3/10
11	" " High	4.1	4	5/10
12	Trastan/Low	1.5	1	1/10
13	" Med	2.0	1	1/20
14	" High	1.2	1	2/10
15	Paracol 1461/Low	1.1	1	6/10
16	" " Med	1.0	1	9/10
17	" " High	1.2	1	9/10
18	TerraTack II/Low	1.8	2	3/10
19	" " Med	1.0	2	1/10
20	" " High	1.0	2	1/10

1/ 1 = no resistance to pressure, water soaks in, no particle adhesion
2 = slight pressure resistance, water slowly soaks, slight particle adhesion
3 = moderately firm - resistant, water is repelled, many particles loose
4 = firm, pressure resistance, water beads and runs and few particles loose
5 = hard, resists pressure, water runs off, all particles bonded together

2/ Portions of one liter or water running into furrow at bottom of plot. Slope 1:10.

spring of 1976 is needed to determine the longevity of the polyvinyl acetates under cold weather conditions.

3. Soil Moisture

Because of the fallow effect that was created by the clearing of vegetation around and on the plots, soil moisture at six inches depth appears to be approximately equal for all treatments. Measurements of soil moisture at a more shallow depth will be made in the spring of 1976.

4. Survival and Growth of Transplanted *Atriplex* Plants.

Nearly 100 percent survival was noted for the container-grown Shadscale (*Atriplex confertifolia*) and fourwing saltbush(*A. canescens*) plants that were transplanted into the furrows at the foot of the surface-treated plots (Table 12). Four of the Shadscale plants were apparently killed by rodents, although the plants could yet regrow from the base if the roots are still alive. The fallow effects from clearing the plots of vegetation plus any runoff that occurred served to allow a very high growth and survival rate. These results hold considerable significance for the practice of transplanting container-grown plant materials - even in mid-summer if there is the possibility of precipitation.

C. Surface Materials Study Planned for 1976

A number of questions were raised by the study conducted in 1975 as well as the answers that were obtained. Some of the questions are: proportionately, how much runoff can be obtained by surface stabilizing treatments, how much distance can water be expected to run, what combination of treatment sequences is effective for the Aerospray-70 polyvinyl acetate, can straight-

TABLE 12.

Height of *Atriplex* transplants growing in furrows at the bottom of surface-treated plots. Plant sources were variable. Planted on July 9, 1975. Height recorded November 13, 1975.

	Surface Treatment	Replications *A. canescens*	*A. confertifolia*			Sum	Mean Height
1	Check	24	9	4+	40	77	19.2
2	Plastic	31	9	21	0+	61	17.0
3	Coherex 1	8	13	29	26	75	18.7
4	2	25	12	24	41	102	25.5
5	3	20	15	30	11	76	19.0
6	Soil Seal 1	12	11	48	1+	72	24.0
7	2	11	8	54	26	99	24.7
8	3	10	13	36	11	70	17.5
9	Aerospray 70 1	8	13	25	36	82	20.5
10	2	30	11	12	21	74	18.5
11	3	9	8	55	0+	72	24.0
12	Trastan 1	29	14	7+	28	78	19.5
13	2	8+	12	17	13+	50	12.5
14	3	10	14	56	17	97	24.2
15	Paracol 1461 1	30	5	13	0	48	16.0
16	2	4+	13	57	8+	82	20.5
17	3	36	4	40	14	105	26.2
18	TerraTack II 1	11	8	31	12+	62	15.5
19	2	40	7+	38	0+	85	28.3
20	3	26	6	29	11+	72	18.0

+indicates damate by wildlife.

run Paraho process shale be surface-treated without screening as was done in the 1975 trial, and are depressions or basins as effective as slopes in harvesting runoff?

To answer these questions and also gain additional experience in working with the Paraho processed shale, a series of two sizes each of basins and slopes top-dressed with two inches of Paraho processed shale was established at the Section 6 research site in the late fall. Because of delays in obtaining sufficient shale and the susceptibility of the polyvinyl acetate to freezing temperatures before it sets up, the plots will be completed in the spring and tested for water shedding characteristics by simulated rainfall.

At present the plot layout includes 20 90-cm-diameter and 20 150-cm diameter basins plus 20 rectangular plots 1 meter x 2 meters and 20 plots one meter x 3 meters. The rectangular plots are on a 1:5 slope. Each plot and basin is equipped with a 4-liter collecting container for catching and measuring runoff. Surface stabilizing treatments planned for spring application include four replications of five treatments check, Aerospray-70 at 25 and 50 gallons/acre rates applied in single and split applications. These rates may change depending upon the spring observations of materials applied in 1975.

Additional surface stabilizing materials have been obtained and will be tested on small plots at the research site.

IX. GROWTH OF PLANTS IN PROCESSED SHALE

A. Growth from a soil plug into shale.

Preliminary observations of seedlings transplanted into processed oil shale indicate that the roots of Fourwing saltbush (*Atriplex canescens*), Shadscale (*Atriplex confertifolia*) and Russian wildrye (*Elymus junceus*) will penetrate from a soil plug into the processed shale. However, root and shoot growth of these species was somewhat less in processed shale than in topsoil from the oil shale tract near Bonanza, Utah. Roots of sand dropseed (*Sporobolus cryptandrus*) and Indian ricegrass (*Oryzopsis hymenoides*) failed to penetrate into the processed oil shale, and their leaves exhibited severe tip-burn.

Two additional experiments have been initiated at Logan. One experiment is designed to compare root growth of eight species of shrubs, four grasses, and two annual weed species through a top-dressing of soil down into an underlying layer of processed oil shale. The second experiment compares the root and shoot development of a few selected native species in raw oil shale, in processed oil shale, and in soil. Three rates of fertilization are also included in the experimental design.

B. Field Studies Planned

Wood frame boxes measuring two meters square and 30 cm deep were buried in the soil at the experimental site in Section 6. These were divided in half with one side being filled with spent shale and the other side containing 15 cm of spent shale covered with 15 cm of soil. Plans are to plant container-grown stock of several species within the boxes this spring. These were put out this fall to obtain greater stabilization of

the soil material and spent shale by overwintering. Further details will be incorporated in the next report.

C. Two greenhouse studies are in progress at Ephraim to determine the survival and growth of several plant species when planted in spent shale as compared with soil. One of these studies is more detailed than the other. The first one includes the use of bare-root stock and container-grown stock planted in processed shale as well as a container-grown plant in regular soil for comparison. There are also two fertility levels.

The second study deals with the performance of 20 species of container-grown plants in spent shale with two levels of fertility.

D. A seed germination study is in progress at Ephraim to determine the affect of spent shale on the germination and seedling growth of several selected shrubs that have the potential of growing in high saline soil material. Seeds in straight spent shale are being compared with seeds planted in soil underlain by spent shale for observing root growth.

E. Woody annual species growth in processed shale.

Several studies are underway in the greenhouse and field (Section 6) which will document the growth of cheatgrass (*Bromus tectorum*) and Russian thistle (*Salsola kali*) on processed shale that has been treated variously: leached, fertilized, overlain with topsoil, and untreated. Since these two aggressive annual weeds are in abundance on various locations of the tracts and might be expected to invade and compete with planted or transplanted species, information on the growth of weedy species is needed. Two concepts guide this research: (1) how much tolerance do the weedy species have for growth on processed shale and (2) how much modification of processed shale by leaching, fertilization, color change (to reduce

heat) or adding topsoil would allow weeds to proliferate? This study is being done by Mr. Melvin George as a thesis project. The only change to the USU contract with WRSP is for supplies and expenses. Results are expected by the end of the summer of 1976.

X. CONSULTATIONS, COMMUNICATIONS, AND PROPOSALS PREPARED FOR RESEARCH ON OIL SHALE

During the past six months project personnel have been available for technical discussions and advice on matters pertaining to revegetation plans and research. Some of the principal occasions for such service are as follows:

Date	Organization	Purpose	Individuals Involved
July	Bechtel, Inc. San Francisco	DDP plans/revegetation	C.M. McKell
August 2	WELUT, Denver	Coordination of Baseline with revegetation research	C. M. McKell
October	Bechtel, Inc San Francisco	Discuss elements of Revegetation plan	C. M. McKell Gordon Van Epps
October	OSM Supervisor Tracts Ua & Ub	Disturbed site revegetation	Gordon Van Epps
December	Bechtel, Inc San Francisco	Shale disposal engineering and revegetation plans	C. M. McKell

Frequent telephone conversations with VTN personnel and Bechtel have occurred as needed for coordination and provision of information to them.

Contact has been maintained with various members of the USDI, Office of Biological Studies, Western Environmental Land Use Team (WELUT) to explore possible support of research on revegetation from the aspect of wildlife feed and habitat requirements. A pre-proposal was prepared for their consideration and is awaiting the development of WELUT priorities.

Publications made during 1975 that are related to the project include the following:

Published

Crofts, Kent A. and Gordon Van Epps. 1975. Use of shadscale in revegetation of arid disturbed sites. Proc. Shrub Sciences workshop, BYU, Provo, Utah. November 4-6, 1975.

Moghaddam, M.R. and C.M. McKell. 1975. Fourwing saltbush for land rehabilitation in Iran and Utah. Utah Sci. 36:114-116.

Van Epps, Gordon. 1975. Why domesticate native plants? Rangeman's Journal 2:185.

Accepted for presentation at the Society for Range Management meetings in Omaha, Nebraska, in February 1976, is:

Plant rehabilitation studies on disturbed soils in the oil shale region of Utah. by Gordon Van Epps and C.M. McKell.

IX. FIGURES

Figure 1. Overall view of the 6-acre research site in Section 6 north of the White River.

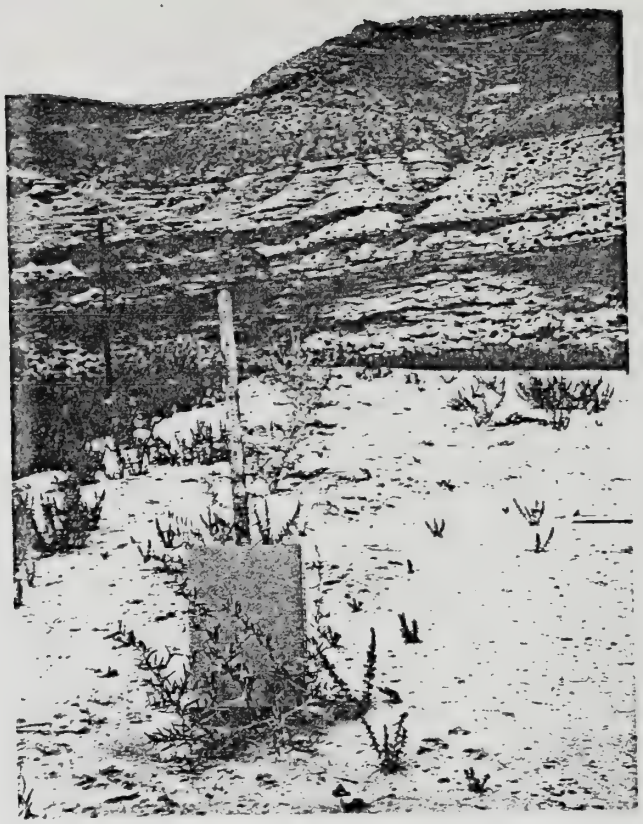


Figure 2. Growth of fourwing saltbush container-grown transplants at the end of the summer season. Survival was 100%. Survival of bare-root transplants at this site averaged 100% for all species.

Figure 3. View of plots testing surface stabilizing materials. The lower replication is top-dressed with one inch of processed Paraho shale.

V. GEOLOGIC EXPLORATION PROGRAM - CLEVELAND CLIFFS IRON COMPANY TRACE ELEMENT ANALYSIS

RECEIVED
APR 29 '76
WHITE RIVER
SHALE PROJECT
Vernal, Utah
SEND:
COPY: J. Lane
FILE

WHITE RIVER SHALE PROJECT

TRACE ELEMENT ANALYSIS

FEBRUARY 1976

Corrected

The Cleveland-Cliffs Iron Company

Western Division

Rifle, Colorado

TABLE OF CONTENTS

ITEM	PAGE NO.
SCOPE	1
SUMMARY	2 - 4
CALCULATION METHODS	5 - 6
TABLE I - TRACE ELEMENT EVALUATION FOR RAW SHALE FROM OVERBURDEN.	
TABLE II - TRACE ELEMENT EVALUATION FOR RAW SHALE FROM MINING ZONE.	
TABLE III - COMPARISON OF CURRENT RESULTS TO U.S.G.S. WORK.	
TABLE IV - TRACE ELEMENT COMPARISON FOR RAW AND SPENT SHALE FROM MINING ZONE.	
TABLE V - TRACE ELEMENT STATISTICAL EVALUATION OF SPENT SHALE FROM MINING ZONE.	
CERTIFICATES OF ANALYSIS	

WHITE RIVER SHALE PROJECT

TRACE ELEMENT ANALYSIS

February 1976

SCOPE:

As stipulated in Section II of the "Partial Exploration Plan Environmental Baseline Data Collection and Monitoring Element Document" approved November 20, 1974, an in-depth series of trace element analyses were performed on material intercepted during the recent Ua and Ub exploration program.

Part II-F, "Core Evaluation" called for analyses of raw shale for the following trace elements throughout the drill hole total depths:

a) Boron
b) Mercury
c) Cadmium
d) Fluoride
e) Antimony
f) Arsenic
g) Selenium

The attached presents the results obtained, along with a detailed statistical evaluation, showing that further trace element analysis work would be redundant.

SUMMARY:

The results of the latest trace element analysis of samples from the exploration drill holes have been received from Ute Research Laboratories, Fort Duchesne, Utah. The material analyzed consisted of both raw shale and spent shale samples from the expected mining horizon in all nine exploration drill holes, as well as a series of overburden samples from drill hole X-1. These test results have been statistically analyzed to demonstrate compatibility with earlier test results.

Statistical evaluation of these results was accomplished primarily through use of the t-test. After computation of the means and standard deviations of a group of samples, the t-test can be used to provide a measurement of the relation between a sample and the general population as a whole. Based on the sample's mean and standard deviation, an interval can be calculated within which the true mean of the population can be said to lie with a certain degree of confidence. This "confidence interval" has been calculated for these data with a .95 probablility of being accurate and is listed in the attached tables. In addition, the t-test can be used to compare one sample to another. By calculation of a pooled estimate of standard deviation, it is possible to determine whether the difference between the means of two samples is due to the samples having come from separate populations or is simply a reflection of the uniqueness of individual samples. The t-test gives a measure of the significance of this difference and a confidence level at which the two samples can be taken as representative of the same general population.

SUMMARY (Continued):

Table I compares the analysis of overburden material from drill hole X-1 to earlier results from the four pilot holes. By employing the t-test, it can be shown, with a .05 chance of error, that samples from drill hole X-1 and the "P" holes represent the same general population. Since the results on hand, then, represent the general concentrations across Tracts Ua and Ub, overburden samples from the other drill holes could be expected to exhibit similar correlation.

Tables II and III concern samples of raw shale from the expected mining horizon. Table II compares the results from all nine exploration drill holes to an earlier analysis of samples from the four pilot holes. Once again, a high degree of compatibility can be seen in the results and the t-test indicates that both sets of figures are representative of the same general population (with a confidence level of 95%). Table III compares the combined figures for the exploration and pilot drill holes with those reported by Desborough, Pitman and Huffman in the U.S.G.S. Open-File Report 74-77 for two core holes located 26 and 36 miles southwest of Tract Ua.

Analysis of spent shale samples from the expected mining zone shows losses due to retorting as well as the trace element levels in the material that is to be deposited on the surface. Table IV compares trace element levels in raw shale with both total trace element and water soluble trace element levels in the corresponding spent shale. Table V gives spent shale results in detail.

Statistical analysis of the data presented by Ute Research Labs reveals close correlation between the results from the exploration holes and

SUMMARY (Continued):

the pilot holes. The t-test indicates that, in 95% of the cases, any further testing would not produce significantly different results and it is therefore recommended that the data on hand be accepted as representative of the general concentrations to be found across Tracts Ua and Ub.

CALCULATION METHODS:

I. Definitions:

1. N = Sample Size

2. Σx = Summation of individual element values from samples.

3. Σx^2 = Summation of squares of individual element values from samples.

4. t = Tabulated value relating to N-1 degrees of freedom and 95% confidence level.

II. Calculations:

1. Mean: $\bar{x} = \Sigma x/N$

2. Estimated population standard deviation:

$$S(x) = \sqrt{\frac{\Sigma x^2 - \bar{x}\Sigma x}{N-1}}$$

3. Estimation of population mean (confidence interval):

$$M = \bar{x} \pm t\,(S(x)/\sqrt{N})$$

Interpretation: Given the tabulated value of t, there is a 95% probability that the population mean, M, lies within the interval $\left[(\bar{x} - t\,(S(x)/\sqrt{N}),\ \bar{x} + t\,(S(x)/\sqrt{N})\right]$

4. Pooled estimate of standard deviation from two sets of data:

$$\bar{s}(x) = \sqrt{\frac{(N_1 - 1)\,S^2(x_1) + (N_2 - 1)\,S^2(x_2)}{N_1 + N_2 - 2}}$$

5. Significance of difference between two means:

$$t \geq \frac{\left| \bar{x}_1 - \bar{x}_2 \right|}{\bar{s}\ (x)\sqrt{1/N_1 + 1/N_2}}$$

Interpretation: If $\bar{x}_1$ and $\bar{x}_2$ are the means of two samples from the same population, then, at a given value of t (from Tables), there is a 95% probability that the above inequality is valid, or conversely, if the inequality is true, it is probable that the samples are from the same population.

WHITE RIVER SHALE PROJECT

TRACE ELEMENT EVALUATION

TABLE I

RAW SHALE - OVERBURDEN

ELEMENT	MEAN PPM	STD. DEV. PPM	95% C.I. - POPULATION MEAN PPM
Drill Hole X-1: (9 Samples)			
B	21.74	13.74	11.18 - 32.30
Hg	0.09	0.02	0.07 - 0.11
Cd	0.08	0.02	0.06 - 0.10
F-	712.78	1758.04	0 -2064.13
Sb	0.25	0.11	0.17 - 0.33
As	8.95	7.50	3.19 - 14.72
Se	0.02	0.01	0.01 - 0.03
Pilot Drill Holes: (8 Samples)			
B	36.11	9.39	29.03 - 43.19
Hg	0.12	0.06	0.11 - 0.14
Cd	0.10	0.05	0.06 - 0.14
F-	766.44	493.07	394.67 -1138.21
Sb	0.37	0.13	0.27 - 0.47
As	18.00	7.48	15.0 - 23.7
Se	0.02	0.01	0.01 - 0.03

WHITE RIVER SHALE PROJECT

TRACE ELEMENT EVALUATION

TABLE II

RAW SHALE FROM MINING ZONE

ELEMENT	MEAN PPM	STD. DEV. PPM	95% C.I. - POPULATION MEAN PPM
Exploration Drill Holes: (9 Holes)			
B	22.93	17.43	9.53 - 36.32
Hg	0.16	0.04	0.13 - 0.19
Cd	0.18	0.03	0.16 - 0.20
F-	1505.55	857.12	846.71 - 2164.39
Sb	0.25	0.05	0.21 - 0.28
As	18.72	8.46	12.22 - 25.22
Se	0.11	0.04	0.08 - 0.14
Pilot Drill Holes: (4 Holes)			
B	24.13	3.57	18.45 - 29.80
Hg	0.11	0.03	0.07 - 0.15
Cd	0.32	0.39	0 - 0.95
F-	1022.0	449.77	306.42 - 1737.58
Sb	0.35	0.06	0.26 - 0.44
As	20.50	13.92	0 - 42.64
Se	0.04	0.04	0 - 0.10

WHITE RIVER SHALE PROJECT

TRACE ELEMENT EVALUATION

TABLE III

RAW SHALE FROM MINING ZONE

ELEMENT	U.S.G.S.** MEAN PPM	CCIC* MEAN PPM
B	95.00	23.30
Hg	0.12	0.15
Cd	0.60	0.22
F-	1850.00	1356.77
Sb	1.50	0.28
As	52.20	19.27
Se	1.25	0.09

* Figures for Exploration and Pilot Holes combined. (13 Samples)

** As reported by Desborough, Pitman and Huffman in U.S.G.S. Open-File Report 74-77.

WHITE RIVER SHALE PROJECT

TRACE ELEMENT EVALUATION

TABLE IV

RAW/SPENT SHALE FROM MINING ZONE
(9 Holes)

	RAW SHALE	SPENT SHALE	
ELEMENT	MEAN PPM	TOTAL MEAN* PPM	WATER SOLUBLE MEAN PPM
B	22.93	26.07	2.71
Hg	0.16	0.12	0.004
Cd	0.18	0.17	0.02
F-	1505.55	1816.67	903.88
Sb	0.25	0.33	0.03
As	18.72	12.38	8.92
Se	0.11	0.06	0.02

* Some elements, such as Boron, are not volatilized during the retorting process and, due to the overall weight loss in retorted shale, the net result is a higher concentration than observed in the corresponding raw shale.

WHITE RIVER SHALE PROJECT

TRACE ELEMENT EVALUATION

TABLE V

SPENT SHALE FROM MINING ZONE

EXPLORATION HOLES ONLY
(9 Holes)

ELEMENT	MEAN PPM	STD. DEV. PPM	95% C.I. - POPULATION MEAN PPM
Total Trace Elements:			
B	26.07	10.03	18.36 - 33.78
Hg	0.12	0.03	0.10 - 0.14
Cd	0.17	0.02	0.15 - 0.19
F-	1816.67	1521.92	646.82 - 2986.52
Sb	0.33	0.06	0.29 - 0.37
As	12.38	7.00	7.00 - 17.76
Se	0.06	0.03	0.04 - 0.08
Water Soluble Trace Elements			
B	2.71	1.60	1.55 - 3.87
Hg	0.004	0.002	0.002- 0.006
Cd	0.02	0.007	0.01 - 0.03
F-	903.88	291.67	679.68 - 1128.08
Sb	0.03	0.01	0.02 - 0.04
As	8.92	8.47	2.41 - 15.43
Se	0.02	0.01	0.01 - 0.03

CERTIFICATES OF ANALYSIS:

The following pages are the certified results of over 400 separate tests performed by Ute Research Laboratories. In all, a total of 54 samples taken from the 13 drill holes were analyzed for trace element concentrations.

UTE RESEARCH LABORATORIES

40 North 400 West
SALT LAKE CITY, UTAH 84103
Telephone (801) 359-3252

P. O. Box 119
FT. DUCHESNE, UTAH 84026
Telephone (801) 722-2254

Certificate of Analysis

Date: March 25, 1976

Client: Cleveland Cliffs

Sample Number: M-2083 Trace Element Samples

Date received:

Submitted by:

Samples analyzed for:

Results:

P-1	B	Hg	Cd	F	Sb	As	Se
0-600	34.0	0.05	0.03	480.0	0.5	12.0	.026
6- 7	46.0	0.22	0.03	602.0	0.4	16.0	.036
7- 8	29.0	0.12	0.91	1658.0	0.4	10.0	.010
8- 9	6.0	0.12	0.68	1170.0	0.3	5.0	.014
9- 10	13.0	0.16	0.11	644.0	0.6	20.0	.037
10- 11	14.0	0.14	0.11	680.0	0.4	6.0	.027
11- 12	8.0	0.12	0.10	434.0	0.4	29.0	.030

Remarks:

By M. Dale Slade

ALL VALUES REPORTED AS INDICATED

P-2 HOLE	B	Hg	Cd	F	Sb	As	Se
50-650	43.0	0.13	0.13	1115.0	0.3	23.0	.008
650-750	49.0	0.10	0.09	704.0	0.4	19.00	.020
750-850	13.0	0.08	0.16	1707.0	0.2	21.0	.026
850-950	28.0	0.08	0.04	319.0	0.4	61.0	.034
950-1050	26.0	0.22	0.04	705.0	0.3	39.0	.024
1050-1150	8.0	0.02	0.11	442.0	0.5	26.0	.020
1150-1250	28.0	0.07	0.08	886.0	0.4	23.0	.035
P-3 HOLE							
570-670	29.0	0.10	0.19	598.0	0.3	22.0	.014
670-770	28.0	0.06	0.10	648.0	0.2	3.0	.028
770-870	24.0	0.11	0.14	762.0	0.3	15.0	.017
870-970	17.0	0.06	0.12	762.0	0.3	18.0	.020
970-1070	3.0	0.12	0.12	384.0	0.2	27.0	.035
1070-1170	10.0	0.03	0.05	412.0	0.2	11.0	.011
P-4 HOLE							
460-560	33.0	0.21	0.14	680.0	0.4	25.0	.010
560-660	42.0	0.12	.09	894.0	0.6	24.0	.015
660-760	23.0	0.14	.13	655.0	0.4	16.0	.093
760-860	16.0	0.04	.08	516.0	0.3	10.0	.035
860-960	13.0	0.03	.11	428.0	0.2	11.0	.080
960-1060	8.0	0.02	.07	320.0	0.3	2.0	.035
1060-1160	7.0	0.03	.09	511.0	0.3	11.0	.023

M. Dale Slade

UTE RESEARCH LABORATORIES

40 North 400 West
SALT LAKE CITY, UTAH 84103
Telephone (801) 359-3252

P. O. Box 119
FT. DUCHESNE, UTAH 84026
Telephone (801) 722-2254

Certificate of Analysis

Date: March 25, 1976

Client: Cleveland Cliffs

Sample Number: M-2878

10 Raw Shales

Date received:

Submitted by:

Samples analyzed for: Drill Hole X-1

Results:

Raw Shale	*B	Hg	Cd	F	Sb	As	Se	Mo
60-160	14.	0.06	0.06	170.	.139	2.29	0.01	0.35
160-260	8.45	.07	0.06	5400.	.157	1.71	0.01	0.29
260-360	12.5	.07	0.05	90.	.142	1.14	0.02	0.39
360-460	8.45	.10	0.07	85.	.152	0	0.02	0.40
460-560	25	.11	0.08	150.	.290	12.	0.03	0.80
560-660	19.2	.09	0.11	100.	.297	13.	0.04	0.72
660-760	20.75	.11	0.09	115.	.407	15.4	0.03	0.90
760-860	39.5	.11	0.12	180.	.434	18.	0.03	0.86
860-960	47.8	.11	0.10	125.	.251	17.	0.02	0.93
960-1163	24.0	.12	0.11	150.	.241	25.7	0.01	0.90
Spent Shale 963-1163	40.0	.05	0.13	1150.	.223	22.9	0.04	1.22
Spent Shale Water Soluble 963-1163	0	.004	0.01	910.	.020	0.29	0.01	0.40

Remarks: Results are in ppm.

*B-Boron, M-Mercury, Cd-Cadmium, F-Fluoride, Sb-Antimony, As-Arsenic, Se-Selemium, and Mo-Molybdenum.

By Dr. Dale Slade, Director

M. Dale Slade

ALL VALUES REPORTED AS INDICATED

UTE RESEARCH LABORATORIES

40 North 400 West
SALT LAKE CITY, UTAH 84103
Telephone (801) 359-3252

P. O. Box 119
FT. DUCHESNE, UTAH 84026
Telephone (801) 722-2254

Certificate of Analysis

Date: March 25, 1976

Client: Cleveland Cliffs

Sample Number: M-2745

Date received: October 6, 1975

Submitted by:

Samples analyzed for: the following;

Results: Raw Shale from mining zone.

	X-2	X-3	X-4	X-5	X-6	X-9	X-10	X-11
Boron	7.10	14.7	9.50	52.0	52.05	8.45	20.1	18.50
Mercury	0.24	0.18	0.16	0.17	0.17	0.14	0.14	0.12
Cadmium	0.20	0.18	0.17	0.19	0.19	0.17	0.19	0.19
Flouride	1000.	1150.	1000.	1350.	1500.	1900.	3000.	2500.
Antimony	.377	.229	.245	.235	.208	.223	.239	.235
Arsenic	25.7	25.7	20.0	20.0	2.86	8.57	14.29	25.7
Selenium	0.11	0.15	0.10	0.11	0.13	0.15	0.11	0.12
Molybdenum	1.44	1.04	0.96	1.24	1.17	0.83	0.97	1.06

Remarks: Results are in ppm.

By

ALL VALUES REPORTED AS INDICATED

UTE RESEARCH LABORATORIES

40 North 400 West
SALT LAKE CITY, UTAH 84103
Telephone (801) 359-3252

P. O. Box 119
FT. DUCHESNE, UTAH 84026
Telephone (801) 722-2254

Certificate of Analysis

Date: March 25, 1976

Client: Cleveland Cliffs

Sample Number: M-2745

Date received: October 6, 1975

Submitted by:

Samples analyzed for: the following;

Results: Spent Shale from mining zone.

	X-2	X-3	X-4	X-5	X-6	X-9	X-10	X-11
Boron	13.5	15.0	16.5	27.9	33.8	30.9	20.1	36.9
Mercury	0.10	0.12	0.14	0.14	0.14	0.13	0.12	0.13
Cadmium	0.17	0.16	0.18	0.17	0.20	0.18	0.19	0.19
Flouride	4500.	1050.	1000.	1050.	1050.	1050.	1000.	4500.
Antimony	.316	.307	.319	.323	.345	.380	.404	.392
Arsenic	5.71	8.57	14.29	14.29	20.0	0	11.43	14.29
Selenium	0.07	0.06	0.055	0.11	0.06	0.06	0	0.04
Molybdenum	1.23	1.35	1.22	1.34	1.26	1.23	1.22	1.30

Remarks: Results are in ppm.

By M. Dale Slade

ALL VALUES REPORTED AS INDICATED

UTE RESEARCH LABORATORIES

40 North 400 West
SALT LAKE CITY, UTAH 84103
Telephone (801) 359-3252

P. O. Box 119
FT. DUCHESNE, UTAH 84026
Telephone (801) 722-2254

Certificate of Analysis

Date: March 25, 1976

Client: Cleveland Cliffs

Sample Number: M-2745

Date received: October 6, 1975

Submitted by:

Samples analyzed for: the following;

Results: Spent Shale from mining zone.
Water Soluble

	X-2	X-3	X-4	X-5	X-6	X-9	X-10	X-11
Boron	1.9	3.4	5.2	1.7	3.4	1.4	3.1	4.3
Mercury	.008	.006	.003	.005	.004	.003	.003	.001
Cadmium	0.01	0.03	0.02	0.01	0.02	0.01	0.02	0.01
Flouride	850.	850.	900.	925.	1000.	1100.	250.	1350.
Antimony	.031	.016	.015	.022	.019	.057	.026	.028
Arsenic	0	14.29	0	11.43	11.43	17.1	22.86	2.86
Selenium	0.01	0.03	0.02	0.02	0.005	0.01	0.03	0.01
Molybdenum	0.68	0.55	0.46	0.50	0.69	0.56	0.69	0.64

Remarks: Results are in ppm.

M. Dale Slade

By Dr. Dale Slade, Director

ALL VALUES REPORTED AS INDICATED